

Author Index

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KEY TO ABBREVIATIONS USED FOR ARTICLE CLASSIFICATION

* = Original Article	DI = Discussion	RE = Report
AB = Abstract	ED = Editorial	RV = Review of Recent Books
AN = Announcement	HW = How to Do It	SH = Our Surgical Heritage
CR = Case Report	IC = Invited Commentary	SW = STS on the Web
CP = Correspondence	KR = Key References	TR = Tribute
CV = Current Review	PA = Presidential Address	UP = Update

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KEY TO ABBREVIATIONS USED FOR ARTICLE CLASSIFICATION

* = Original Article	ED = Editorial	RV = Review of Recent Books
AB = Abstract	HW = How to Do It	SH = Our Surgical Heritage
AN = Announcement	KR = Key References	SW = STS on the Web
CR = Case Report	PA = Presidential Address	TR = Tribute
CP = Correspondence	RE = Report	UP = Update
CV = Current Review		

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- Extralobar pulmonary sequestration presenting as a mediastinal malignancy (Sippel, Ravichandran, & others) 1997;63:1169–71,CR
- Isolated right subclavian artery, interrupted aortic arch, and ventricular septal defect (Mulay & Watterson) 1997;63:1163–5,CR
- Repair of complete congenital sternal cleft in an adult (Santini, Faggian, & others) 1997;63:918,CP; Reply (Suri, Sharma, & others) 1997;63:918–9,CP
- Simultaneous discovery of bilateral intralobar and extralobar pulmonary sequestrations (Jeanfaivre, Afi, & others) 1997;63:1171–3,CR

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- Beyond hyperkalemia: β -blocker-induced cardiac arrest for normothermic cardiac operations (Ede, Ye, & others) 1997;63:721–7*

Age factors

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- Cardiac operations in patients 90 years of age and older (Blanche, Matloff, & others) 1997;63:1685–90*
- Esophagectomy for cancer in the patient aged 70 years and older (Jougon, Ballester, & others) 1997;63:1423–7*
- Fast-track recovery in the elderly patient (Engelman) 1997;63:606–7,ED
- Intramural esophageal dissection (Phan & Heitmiller) 1997;63:1785–6,CR
- Non-small cell lung cancer at the extremes of age: impact on diagnosis and treatment (Nugent, Edney, & others) 1997;63:193–7*
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- Risks of cardiac operations for elderly patients: reduction of the age factor (Katz & Chase) 1997;63:1309–14*
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- Perfluorocarbon emulsion in the cardiopulmonary bypass prime reduces neurologic injury (Cochran, Kunzelman, & others) 1997;63:1326–32*

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- Effect of bovine pericardial strips on air leak after stapled pulmonary resection (Hazelrigg, Boley, & others) 1997;63:1573–5*
- Gelatin-resorcinol-formaldehyde-glutaraldehyde glue-spread stapler prevents air leakage from the lung (Nomori & Horio) 1997;63:352–5*
- Management of the uncontrollable pulmonary air leak with cyanoacrylate glue (Horsley & Miller) 1997;63:1492–3,HW
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- Early and late airway complications after lung transplantation: incidence and management (Kshetry, Kroshus, & others) 1997;63:1576-83*
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- Addition of α -ketoglutarate to blood cardioplegia improves cardioprotection (Kjellman, Björk, & others) 1997;63:1625-34*

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Anaphylaxis

- Anaphylactic shock after aprotinin reexposure: time course of aprotinin-specific antibodies (Scheule, Jurmann, & others) 1997;63:242-4,CR

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- Anastomotic complications in minimally invasive coronary bypass grafting (Pagni, Qaqish, & others) 1997;63:S64-7*
- Bidirectional cavopulmonary anastomosis with intracardiac repair (Clapp, Tantengco, & others) 1997;63:746-50*
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- Review of facilitated approaches to vascular anastomosis surgery (Werker & Kon) 1997;63:S122-7*
- Scanning electron microscopic analysis of the stapled microvascular anastomosis in the rabbit (Boeckx, Darius, & others) 1997;63:S128-34*

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- Coronary artery bypass in a patient with pernicious anemia (Sakakibara, Kaminishi, & Mitsuhashi) 1997;63:303,CP

Anesthesia

- Early extubation after coronary bypass (Das, Shetty, & others) 1997;63:1219,CP; Reply (Zacharias, Engoren, & Habib) 1997;63:1219,CP

Aneurysm, infected

- Double mycotic aneurysms of the ascending aorta (Chen, Lin, & others) 1997;63:529-31,CR

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- Assessment of internal thoracic artery vasoreactivity in response to sublingual nitroglycerin (Canver, Armstrong, & others) 1997;63:1041-3*

- Physiology, histology, and 2-week morphology of acute transmural channels made with a CO₂ laser (Kohmoto, Fisher, & others) 1997;63:1275-83*

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Angioplasty, transluminal

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- Radial artery has higher receptor-mediated contractility but similar endothelial function compared with mammary artery (He & Yang) 1997;63:1346-52*

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- Dyspnea after pneumonectomy: the result of an atrial septal defect (Zueger, Soler, & others) 1997;63:1451-2,CR
- Use of an adjustable tourniquet to reverse cyanosis in the newborn pig (Warner, Quinn, & others) 1997;63:456-8*

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- Cardioplegia preserves hypoxic response in isolated coronary arteries but not in isolated hearts (Barbé, Diemont, & Bonnet) 1997;63:1303-8*
- Nitric oxide dose response during moderate and severe hypoxia in swine (Emil, Berkeland, & Atkinson) 1997;63:414-8*

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Antibodies, monoclonal

- Antimyosin antibodies in cardiac rejection (Schütz, Breuer, & Kemkes) 1997;63:578-81,CV

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- Cardiopulmonary bypass with heparin-coated circuits and reduced systemic anticoagulation (Kuitunen, Heikkilä, & Salmenperä) 1997;63:438-44*

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- Determination of size of aortic emboli and embolic load during coronary artery bypass grafting (Barbut, Yao, & others) 1997;63:1262-7*
- Double mycotic aneurysms of the ascending aorta (Chen, Lin, & others) 1997;63:529-31, CR
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- Surgical treatment of acute type B aortic dissection using an endoprosthesis (elephant trunk) (Palma, Almeida, & others) 1997;63:1081-4*
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- Transapical aortic cannulation in pediatric patients (Watanabe, Eguchi, & others) 1997;63:1149-50, CR

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- Treatment of aortic dissection and ruptured abdominal aneurysm with coronary bypass (Ghalili & Khan) 1997;63:223-5, CR

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- Aortic arch operation using selective cerebral perfusion for nondissecting thoracic aneurysm (Hayashi, Eguchi, & others) 1997;63:88-92*
- Central nervous system injury after aortic operations: profits of amending old ways (Svensson) 1997;63:9-11, ED
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- Intraluminal shunt for the thoracic aorta: blood flow and function in chronic studies (Van Voorst, Labranche, & others) 1997;63:419-24*
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- Long-term results of flow reversal and thromboexclusion method for thoracic aortic aneurysm (Urayama, Ohtake, & Watanabe) 1997;63:716-20*
- Management of arch hypoplasia after successful coarctation repair (DeLeon, DeLeon, & others) 1997;63:975-80*
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- Operation for nondissecting aneurysm in the descending thoracic aorta (Hayashi, Eguchi, & others) 1997;63:93-7*
- Prospective study of the natural history of thoracic aortic aneurysms (Juvonen, Ergin, & others) 1997;63:1533-45*
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- Aortic arch operation using selective cerebral perfusion for nondissecting thoracic aneurysm (Hayashi, Eguchi, & others) 1997;63:88-92*
- Clinical application of transluminal endovascular graft placement for aortic aneurysms (Inoue, Iwase, & others) 1997;63:522-8*
- Double mycotic aneurysms of the ascending aorta (Chen, Lin, & others) 1997;63:529-31, CR
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- Dual-inflow great vessel aneurysm: delayed presentation after penetrating trauma (Rossbach, Baptiste, & others) 1997;63:238-40, CR
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- Endoaortitis of coarctation of the aorta after invasive diagnostics (Böhm, Botha, & others) 1997;65:829-30, CR
- Long-term follow-up after repair of coarctation of the aorta in adults (Viganò, Ressler, & Gaeta) 1997;63:1827-8, CP; Reply (Wells) 1997;63:1828, CP
- Management of arch hypoplasia after successful coarctation repair (DeLeon, DeLeon, & others) 1997;63:975-80*

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Effect of spinal cord preconditioning on paraplegia during cross-clamping of the thoracic aorta (Matsuyama, Chiba, & others) 1997;63:1315-20*

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Aortitis

Endoaortitis of coarctation of the aorta after invasive diagnostics (Böhm, Botha, & others) 1997;65:829-30,CR

Aortoplasty

Drawback of aortoplasty for aneurysm of the ascending aorta associated with aortic valve disease (Mueller, Tevaerai, & others) 1997;63:762-7*

Aprotinin

Anaphylactic shock after aprotinin reexposure: time course of aprotinin-specific antibodies (Scheule, Jurmann, & others) 1997;63:242-4,CR

Differing effects of aprotinin and ϵ -aminocaproic acid on cytokine-induced inducible nitric oxide synthase expression (Hill, Taylor, & Robbins) 1997;63:74-7*

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- Cavopulmonary shunt and pulmonary arteriovenous malformations (Kawashima) 1997;63:930-2,ED
- Pulmonary AV malformations after superior cavopulmonary connection: resolution after inclusion of hepatic veins in the pulmonary circulation (Shah, Rychik, & others) 1997; 63:960-3*
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- EPC-K₁ is effective in lung preservation in an ex vivo rabbit lung perfusion model (Nagahiro, Aoe, & others) 1997;63: 954-9*
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- Efficacy of a simple left atrial procedure for chronic atrial fibrillation in mitral valve operations (Sueda, Nagata, & others) 1997;63:1070-5*
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- One-stage repair of truncus arteriosus, CAVC, and TAPVC (Conte, Jensen, & others) 1997;63:1781-3,CR
- Predicting feasibility of biventricular repair of right-dominant unbalanced atrioventricular canal (van Son, Phoon, & others) 1997;63:1657-63*
- Atrioventricular valve**
- Correction of atrioventricular septal defects (Rosti, Murzi, & others) 1997;63:1220-1,CP
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- Giant azygos vein varix (Podbielski, Sam, & others) 1997;63: 1167-9,CR
- Biological markers**
- Biochemical markers of myocardial injury during cardiac operations (Birdi, Angelini, & Bryan) 1997;63:879-84,CV
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- Blood**
- Venous drainage to the heart-lung machine via the internal jugular vein (Flege & Wolf) 1997;63:861,HW
- Blood circulation**
- Circulatory resuscitation with left ventricular assist device support reduces interleukins 6 and 8 levels (Goldstein, Moazami, & others) 1997;63:971-4*
- Effect of surgical reconstruction on flow profiles in the aorta using magnetic resonance blood tagging (Fogel, Weinberg, & others) 1997;63:1691-700*
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- Regional blood flow during pulsatile cardiopulmonary bypass and after circulatory arrest in an infant model (Lodge, Ündar, & others) 1997;63:1243-50*
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- Blood flow velocity**
- Assessment of internal thoracic artery vasoreactivity in response to sublingual nitroglycerin (Canver, Armstrong, & others) 1997;63:1041-3*
- Blood glucose**
- Glucose control lowers the risk of wound infection in diabetics after open heart operations (Zerr, Furnary, & others) 1997;63:356-61*
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- Platelet-rich plasma harvest in redo CABG (Quigley) 1997;63: 1828-9,CP; Reply (Christenson) 1997;63:1829,CP; Reply (Davies) 1997;63:1829-30,CP
- Preoperative platelet dysfunction increases the benefit of aprotinin in cardiopulmonary bypass (Ray, Marsh, & others) 1997;63:57-63*
- Blood transfusion**
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- Blood transfusion, autologous**
- Cardiac enzymes and autotransfusion of shed mediastinal blood after myocardial revascularization (Schmidt, Mortensen, & others) 1997;63:1288-92*
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- Role of intraoperative autotransfusion after cardiopulmonary bypass (Whitten) 1997;63:1513-4,CP; Reply (Kochamba) 1997;63:1514,CP
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- Clinical application of transluminal endovascular graft placement for aortic aneurysms (Inoue, Iwase, & others) 1997; 63:522-8*
- Extension of the "elephant trunk" technique in complex aortic pathology: the "bidirectional option" (Carrel & Althaus) 1997;63:1755-8*
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- Microvascular reactivity after cardioplegia (Tyers) 1997;63: 598-9,CP; Reply (Guyton) 1997;63:599,CP
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- The brain uses mostly dissolved oxygen during profoundly hypothermic cardiopulmonary arrest (Dexter, Kern, & others) 1997;63:1725-9*
- Concomitant cerebral and coronary subclavian steal (Takach, Beggs, & others) 1997;63:853-4,CR
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- Comparison of serum S-100 β levels during CABG and intra-cardiac operations (Taggart, Mazel, & others) 1997;63:492-6*

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- Danger of false intubation after traumatic tracheal transection (Baumgartner, Ayres, & Theuer) 1997;63:227-8,CR
- Double stents for carcinoma of the esophagus invading the airway (Venuta, De Giacomo, & others) 1997;63:1515-6,CP; Reply (Takamori) 1997;63:1516,CP
- Iatrogenic tracheobronchial lacerations (d'Odemont & Rodenstein) 1997;63:1209,CP; Reply (Massard & Wihlm) 1997;63:1209-10,CP
- Tissue adhesive in bronchial closure (Sabanathan, Sabanathan, & others) 1997;63:899-900,UP

Bronchial arteries

- Human en bloc double-lung transplantation: bronchial artery revascularization improves airway perfusion (Sundset, Tadjkarimi, & others) 1997;63:790-5*

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- Tracheal wire stent complications in malacia: implications of position and design (Hramiec & Haasler) 1997;63:209-13*
- Which stent to use for tracheobronchial stenoses: metallic or silicone? (Yim, Abdullah, & Izzat) 1997;63:1512-3,CP; Reply (Takamori) 1997;63:1513,CP

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- Natural history of bronchopleural fistula after pneumonectomy: a review of 96 cases (Hollaus, Lax, & others) 1997;63:1391-7*
- Postpneumonectomy stump fistula in a ventilated patient (De Groot & Douie) 1997;63:552-4,CR
- Repair of aortobronchial fistula using extraanatomic grafts and hypothermic arrest (Lawrence, Kern, & Tribble) 1997;63:1158-60,CR

Successful repair of primary concomitant aortobronchial and aorto-esophageal fistulas (Tkebuchava, von Segesser, & Turina) 1997;63:1779-81,CR

Technique for early bronchopleural fistula repair after lung resection (Grunenwald & Spaggiari) 1997;63:1214-5,CP

Treatment of empyema by transposition of contralateral lower trapezius flap (Watanabe, Imaizumi, & others) 1997;63:837-9,CR

Bronchiolitis obliterans

Experimental bronchiolitis obliterans induced by in vivo HVJ-liposome-mediated endothelin-1 gene transfer (Takeda, Sawa, & others) 1997;63:1562-7*

Bronchopulmonary sequestrations

- Extralobar pulmonary sequestration presenting as a mediastinal malignancy (Sippel, Ravichandran, & others) 1997;63:1169-71,CR
- Simultaneous discovery of bilateral intralobar and extralobar pulmonary sequestrations (Jeanfaivre, Afi, & others) 1997;63:1171-3,CR

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The laryngeal mask airway: a new standard for airway evaluation in thoracic surgery (Ferson, Nesbitt, & others) 1997;63:768-72*

Butanones

Effects of butanedione monoxime and temperature on prolonged cardiac storage (Zhang, Furukawa, & others) 1997;63:388-94*

C5a

Both plasma- and leukocyte-associated C5a are essential for assessment of C5a generation in vivo (Hetland, Moen, & others) 1997;63:1076-80*

Calcinosis

- Calcified embolus of the left coronary ostia after aortic valve replacement (Folliguet, Malergue, & others) 1997;63:1162-3,CR
- Mitral annular calcification: a new technique for valve replacement (Vander Salm & Perras) 1997;63:1819-20,UP
- "Patch-glue" annular reconstruction for mitral valve replacement in severely calcified mitral annulus (Ruvola, Speziale, & others) 1997;63:570-1,HW

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- Addition of calcium to Euro-Collins solution is essential for 24-hour preservation of the vasculature (Ingemansson, Bolys, & others) 1997;63:408-13*
- Adenosine prevents hyperkalemia-induced calcium loading in cardiac cells: relevance for cardioplegia (Jovanović, Alekseev, & others) 1997;63:153-61*
- Calcification in cardiac bioprotheses (Schroll) 1997;63:1514,CP; Reply (Carpentier, Carpentier, & others) 1997;63:1514-5,CP
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Calcium-channel blockers preserve coronary endothelial reactivity after ischemia-reperfusion (Dagenais, Cartier, & others) 1997;63:1050-6*

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Carcinoma, renal cell

Surgical management of renal cell carcinoma with inferior vena cava tumor thrombus (Nesbitt, Soltero, & others) 1997;63:1592-600*

Carcinoma, squamous cell

"Sneeze of a cancer from the lung": *sternumentum carcinomae pulmonariae* (Hornick, Taylor, & others) 1997;63:1174-5,CR

Cardiac tamponade

Cardiac tamponade after a systemic-pulmonary shunt complicated by serous leakage (García-Guereta, Burgueros, & others) 1997;63:248-50,CR

Delayed tamponade after MIDCABG (Baribeau, Westbrook, & others) 1997;63:1834,CP

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Effects of wrapping tightness on acute cardiac function in dynamic cardiomyoplasty (Takagi, Hirose, & others) 1997;63:1706-12*

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Vascular delay of the latissimus dorsi muscle: an essential component of cardiomyoplasty (Carroll, Camilla, & others) 1997;63:1034-40*

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Addition of α -ketoglutarate to blood cardioplegia improves cardioprotection (Kjellman, Björk, & others) 1997;63:1625-34*

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Captopril in cardioplegia and reperfusion: protective effects on the ischemic heart (Gurevitch, Pevni, & others) 1997;63:627-33*

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The brain uses mostly dissolved oxygen during profoundly hypothermic cardiopulmonary arrest (Dexter, Kern, & others) 1997;63:1725-9*

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Effect of heparin loading during congenital heart operation on thrombin generation and blood loss (Turner-Gomes, Nitschmann, & others) 1997;63:482-8*

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- Emergency pulmonary embolectomy with percutaneous cardiopulmonary bypass (Ohteki, Norita, & others) 1997;63:1584-6*
- Endothelial cell injury in cardiovascular surgery: the systemic inflammatory response (Boyle, Pohlman, & others) 1997;63:277-84,CV
- Endothelin-1 and neutrophil activation during heparin-coated cardiopulmonary bypass (Lundblad, Moen, & Fosse) 1997;63:1361-7*
- Extracardiac Fontan operation without cardiopulmonary bypass (Burke, Jacobs, & others) 1997;63:1175-7,CR
- Forty-five-degree two-stage venous cannula: advantages over standard two-stage venous cannulation (Lawrence & Desai) 1997;63:253-4,HW
- Heparin-bonded circuits decrease myocardial ischemic damage: an experimental study (Lazar, Zhang, & others) 1997;63:1701-5*
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- "Low-dose" aprotinin modifies hemostasis but not proinflammatory cytokine release (Ashraf, Tian, & others) 1997;63:68-73*
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- Minimally invasive coronary revascularization through parasternal incisions without cardiopulmonary bypass (Stanbridge, Hadjinikolaou, & others) 1997;63:S53-6*
- Nitrous oxide method of measuring cerebral blood flow during hypothermic cardiopulmonary bypass (MacVeigh, Cook, & others) 1997;63:736-40*
- Off-bypass coronary bypass grafting via minithoracotomy using mechanical epicardial stabilization (Cremer, Strüber, & others) 1997;63:S79-83*
- Perfluorocarbon emulsion in the cardiopulmonary bypass prime reduces neurologic injury (Cochran, Kunzelman, & others) 1997;63:1326-32*
- Port-access cardiac operations with cardioplegic arrest (Fann, Pompili, & others) 1997;63:S35-9*
- Preoperative platelet dysfunction increases the benefit of aprotinin in cardiopulmonary bypass (Ray, Marsh, & others) 1997;63:57-63*
- Prevention of lower extremity ischemia during cardiopulmonary bypass via femoral cannulation (Vander Salm) 1997;63:251-2,HW
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- Regional blood flow during pulsatile cardiopulmonary bypass and after circulatory arrest in an infant model (Lodge, Ündar, & others) 1997;63:1243-50*
- Regional perfusion abnormalities with phenylephrine during normothermic bypass (O'Dwyer, Woodson, & others) 1997;63:728-35*
- Reoperative coronary artery bypass without cardiopulmonary bypass (Mohr, Moshkovitz, & others) 1997;63:S40-3*
- Risk factors and solutions for the development of neurobehavioral changes after coronary artery bypass grafting (Hammon, Stump, & others) 1997;63:1613-8*
- Role of intraoperative autotransfusion after cardiopulmonary bypass (Whitten) 1997;63:1513-4,CP; Reply (Kochamba) 1997;63:1514,CP

Separate-hypothermia retrograde cerebral perfusion (Imamaki, Hirayama, & Nakajima) 1997;63:547-8,CR

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Time course of endothelin-1 and nitrate anion levels after cardiopulmonary bypass in congenital heart defects (Hiramatsu, Imai, & others) 1997;63:648-52*

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Ventricular tachycardia after ultrafiltration during cardiopulmonary bypass (Terada, Mitsui, & others) 1997;63:1215-6,CP

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Case reports

Acute right-sided heart failure due to hemorrhage into a pericardial cyst (Borges, Gellert, & others) 1997;63:845-7,CR

Anaphylactic shock after aprotinin reexposure: time course of aprotinin-specific antibodies (Scheule, Jurmann, & others) 1997;63:242-4,CR

Anomalous papillary muscle as a cause of left ventricular outflow tract obstruction in an adult (Kon, Grech, & others) 1997;63:232-4,CR

Aortic valve replacement via left thoracotomy after an esophageal operation (Takahara, Sudo, & Nakazima) 1997;63:225-7,CR

Aorto-left atrial fistula with bicuspid aortic valve and coronary artery origin anomaly (Topcuoğlu, Salih, & others) 1997;63:854-6,CR

Avulsion of the left internal mammary artery after minimally invasive coronary bypass (McMahon, Bergsland, & others) 1997;63:843-5,CR

Bilateral thoracotomy and inferior sternotomy for bypass grafting after esophagectomy (Smedira, Eng, & Rice) 1997;63:847-9,CR

Calcified embolus of the left coronary ostia after aortic valve replacement (Folliquet, Malergue, & others) 1997;63:1162-3,CR

Calcifying fibrous pseudotumor of the mediastinum (Dumont, de Muret, & others) 1997;63:543-4,CR

Cardiac pacemaker dysfunction in children after thoracic drainage catheter manipulation (Lobdell, Walters, & others) 1997;63:1466-7,CR

Cardiac tamponade after a systemic-pulmonary shunt complicated by serous leakage (García-Guereta, Burgueros, & others) 1997;63:248-50,CR

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Chronic pain of vascular origin caused by a parietopulmonary fistula of the thoracic wall (Jeanfaivre, Régnard, & others) 1997;63:839-41,CR

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Complex thoracic vascular injury repair using deep hypothermia and circulatory arrest (Fulton & Brink) 1997;63:557-9,CR

Concomitant cerebral and coronary subclavian steal (Takach, Beggs, & others) 1997;63:853-4,CR

Coronary artery bypass grafting after a bilateral lung volume reduction operation (Liopyris, Triantafillou, & others) 1997;63:1790-2,CR

- Correction of anomalous systemic venous drainage: transposition of left SVC to left PA (Takach, Cortelli, & others) 1997;63:228-30,CR
- Danger of false intubation after traumatic tracheal transection (Baumgartner, Ayres, & Theuer) 1997;63:227-8,CR
- Diagnosis and repair of a Morgagni hernia with video-assisted thoracic surgery (Hussong, Landreneau, & Cole) 1997;63:1474-5,CR
- Double mycotic aneurysms of the ascending aorta (Chen, Lin, & others) 1997;63:529-31,CR
- Dual-inflow great vessel aneurysm: delayed presentation after penetrating trauma (Rossbach, Baptiste, & others) 1997;63:238-40,CR
- Dyspnea after pneumonectomy: the result of an atrial septal defect (Zueger, Solèr, & others) 1997;63:1451-2,CR
- Early cardioverter defibrillator infection: value of indium-111 leukocyte imaging (Bhadelia & Oates) 1997;63:236-8,CR
- Early coronary sinus rerouting using the left atrial baffle (Beyens, Demanet, & Deuvaert) 1997;63:832-3,CR
- ECMO and inhaled nitric oxide for cardiopulmonary failure after heart retransplantation (Barzaghi, Olivei, & others) 1997;63:533-5,CR
- Embolization of IMA side branch for post-CABG ischemia (Hartz & Heuser) 1997;63:1765-6,CR
- Endoaortitis of coarctation of the aorta after invasive diagnostics (Böhm, Botha, & others) 1997;65:829-30,CR
- Esophageal leiomyomatosis involving trachea: surgical resection and repair (Kumar, Breach, & Goldstraw) 1997;63:531-3,CR
- Exostosis of a rib causing laceration of the diaphragm: diagnosis and management (Simansky, Paley, & others) 1997;63:856-7,CR
- Extracardiac Fontan operation without cardiopulmonary bypass (Burke, Jacobs, & others) 1997;63:1175-7,CR
- Extracardiac right atrium-to-right ventricle homograft for uncorrectable tricuspid valve disease (Al-Halees & Al-Fadley) 1997;63:1794-6,CR
- Extralobar pulmonary sequestration presenting as a mediastinal malignancy (Sippel, Ravichandran, & others) 1997;63:1169-71,CR
- Giant azygos vein varix (Podbielski, Sam, & others) 1997;63:1167-9,CR
- Giant carcinoid tumor of the lung (Sheppard, Follette, & Meyers) 1997;63:851-2,CR
- Hemangiopericytoma of the chest wall (Yanagihara, Ueno, & others) 1997;63:537-9,CR
- Hepatic venous malformation after modified Fontan procedure with partial hepatic vein exclusion (Schneider, Banerjee, & others) 1997;63:1177-9,CR
- Intramural esophageal dissection (Phan & Heitmiller) 1997;63:1785-6,CR
- Ischemic gastric ulcer after coronary bypass using the right gastroepiploic artery (Schroeyers, El Khoury, & others) 1997;63:1470-2,CR
- Isolated right subclavian artery, interrupted aortic arch, and ventricular septal defect (Mulay & Watterson) 1997;63:1163-5,CR
- Left atrial myxoma in a preschool child (Pathi, Royse, & others) 1997;63:550-2,CR
- Marfanoid aneurysm in donor aorta after transplantation (Pathi, Pillay, & others) 1997;63:1770-1,CR
- MEDOS HIA-VAD biventricular assist device for bridge to recovery in fulminant myocarditis (Martin, Sarai, & others) 1997;63:1145-6,CR
- Minimally invasive axillary-coronary artery bypass (Knight, Baisden, & Reiter) 1997;63:1776-7,CR
- Minimally invasive mitral valve repair using transthoracic aortic occlusion (Chitwood, Elbeery, & others) 1997;63:1477-9,CR
- Mitral homograft replacement of the tricuspid valve for endocarditis (Katsumata & Westaby) 1997;63:1480-2,CR
- Mitral valve replacement and tricuspid valve repair after cardiac transplantation (Goldstein, Garfein, & others) 1997;63:1463-5,CR
- Mitral valve replacement under video assistance through a minithoracotomy (Benetti, Rizzardi, & others) 1997;63:1150-2,CR
- Monitoring systemic venous oxygen saturations in the hypoplastic left heart syndrome (Riordan, Locher, & others) 1997;63:835-7,CR
- MRI in the evaluation and management of a newborn infant with cardiac rhabdomyoma (Berkenblit, Spindola-Franco & others) 1997;63:1475-7,CR
- Multiple-leaflet mitral valve as a rare cause of congenital mitral insufficiency (Kalangos, Oberhansli, & others) 1997;63:1452-5,CR
- Myxoma of the aortic valve (Watarida, Katsuyama, & others) 1997;63:234-6,CR
- Nonoperative management of tracheal laceration during endotracheal intubation (Ross, Grant, & others) 1997;63:240-2,CR
- One-stage repair of truncus arteriosus, CAVC, and TAPVC (Conte, Jensen, & others) 1997;63:1781-3,CR
- Operation for type B aortic dissection using hypothermic selective cerebral perfusion (Tayama, Akashi, & others) 1997;63:535-7,CR
- Osteogenic sarcoma of the left atrium (Dan & Hodge) 1997;63:1766-8,CR
- Pericardial cyst causing right ventricular outflow tract obstruction (Ng & Olak) 1997;63:1147-8,CR
- Permanent mechanical circulatory support with an implantable left ventricular assist device (McCarthy, Young, & others) 1997;63:1458-61,CR
- Postpneumonectomy stump fistula in a ventilated patient (De Groot & Douie) 1997;63:552-4,CR
- Primary cardiac angiosarcoma: 53 months' survival after multidisciplinary therapy (Nakamichi, Fukuda, & others) 1997;63:1160-1,CR
- Prosthetic mitral valve replacement: late complications after native valve preservation (Esper, Ferdinand, & others) 1997;63:541-3,CR
- Pulmonary autograft implantation in the dilated aortic annulus (Eishi, Nakajima, & others) 1997;63:1155-8,CR
- Pulmonary resection for treatment of cavitory pulmonary infarction (Butler, Biscardi, & others) 1997;63:849-50,CR
- Rare complication of retrograde cardioplegia: inner wall perforation of the right atrium (He) 1997;63:539-41,CR
- Rastelli procedure for repair of transposition of the great arteries {S,D,L} complex (Luciani & Mazzucco) 1997;63:1152-5,CR
- Recanalization of the left atrial appendage demonstrated by transesophageal echocardiography (Lynch, Shanewise, & others) 1997;63:1774-5,CR
- Recurrent left ventricular false aneurysm (Stanton, Douthit, & others) 1997;63:1472-3,CR
- Repair of aortobronchial fistula using extraanatomic grafts and hypothermic arrest (Lawrence, Kern, & Tribble) 1997;63:1158-60,CR
- Repair of congenital pulmonary incompetence by bicuspidization of the pulmonary valve (Kadri, Lazzara, & others) 1997;63:1482-3,CR

Case reports (cont'd)

- Repair of postinfarction ventricular septal defect with joined endocardial patches (Shibata, Suehiro, & others) 1997;63:1165-7,CR
- Resection of left ventricular tumor using videocardioscopy and echocardiography (Nease, Conant, & others) 1997;63:841-3,CR
- Separate-hypothermia retrograde cerebral perfusion (Imamaki, Hirayama, & Nakajima) 1997;63:547-8,CR
- Severe deformity of a Palmaz-Schatz stent after normal surgical manipulation (Tovar, Blau, & others) 1997;63:220-1,CR
- Simultaneous discovery of bilateral intralobar and extralobar pulmonary sequestrations (Jeanfaivre, Afi, & others) 1997;63:1171-3,CR
- Simultaneous single-lung transplantation and lung volume reduction (Todd, Perron, & others) 1997;63:1468-70,CR
- "Sneeze of a cancer from the lung": *sternumentum carcinomae pulmonariae* (Hornick, Taylor, & others) 1997;63:1174-5,CR
- Stent angioplasty for renovascular disease associated with acute aortic dissection (Hata, Zuguchi, & others) 1997;63:244-6,CR
- Successful repair of primary concomitant aortobronchial and aortoesophageal fistulas (Tkebuchava, von Segesser, & Turina) 1997;63:1779-81,CR
- Successful surgical treatment of a complete traumatic tracheal disruption (Hasegawa, Endo, & others) 1997;63:1479-80,CR
- Surgical repair of a large residual atrial septal defect after transcatheter closure (Hekmat, Mehlhorn, & de Vivie) 1997;63:1456-8,CR
- Surgical therapy of primary malignant melanoma of the esophagus (Adili & Mönig) 1997;63:1461-3,CR
- Surgical treatment of dissecting aneurysm of the interventricular septum (Wu) 1997;63:545-7,CR
- Technique for reconstruction of the sinotubular junction (Bhatnagar, Christakis, & others) 1997;63:559-60,CR
- Thoracoscopic retrieval of foreign bodies after penetrating chest trauma (Bartek, Grash, & Hazelrigg) 1997;63:1783-5,CR
- Torn ascending aorta missed by transesophageal echocardiography (Lick, Zwischenberger, & others) 1997;63:1768-70,CR
- Tracheal mucormycosis (Andrews, Allan, & Larbalestier) 1997;63:230-2,CR
- Tracheal stenosis treated with self-expanding nitinol stent (Yanagihara, Mizuno, & others) 1997;63:1786-90,CR
- Transapical aortic cannulation in pediatric patients (Watanabe, Eguchi, & others) 1997;63:1149-50,CR
- Transhiatal closure of right-sided esophageal rupture after a left pneumonectomy (Kotsis, Agócs & Kovács) 1997;63:246-7,CR
- Transhiatal herniation of colon after esophagectomy and gastric pull-up (Heitmiller, Gillinov, & Jones) 1997;63:554-6,CR
- Traumatic arteriovenous fistula (Maher, Rabee, & others) 1997;63:1792-4,CR
- Traumatic lung herniation (Allen & Fischer) 1997;63:1455-6,CR
- Treatment of aortic dissection and ruptured abdominal aneurysm with coronary bypass (Ghalili & Khan) 1997;63:223-5,CR
- Treatment of empyema by transposition of contralateral lower trapezius flap (Watanabe, Imaizumi, & others) 1997;63:837-9,CR

Treatment of refractory, nonmalignant hydrothorax with a pleurovenous shunt (Park, Shrager, & others) 1997;63:1777-9,CR

Tricuspid valve repair for tricuspid valve endocarditis after Fallot repair (d'Udekem, Sluysmans, & Rubay) 1997;63:830-2,CR

Video-assisted removal of left ventricular mass (Duarte, Fenton, & Brown) 1997;63:833-5,CR

Visualization of ventricular fibroelastoma with a video-assisted thoracoscope (Espada, Talwalker, & others) 1997;63:221-3,CR

Catheterization

Forty-five-degree two-stage venous cannula: advantages over standard two-stage venous cannulation (Lawrence & Desai) 1997;63:253-4,HW

Prevention of lower extremity ischemia during cardiopulmonary bypass via femoral cannulation (Vander Salm) 1997;63:251-2,HW

Transapical aortic cannulation in pediatric patients (Watanabe, Eguchi, & others) 1997;63:1149-50,CR

Venous drainage to the heart-lung machine via the internal jugular vein (Flege & Wolf) 1997;63:861,HW

Catheterization, central venous

Rapid safe central venous access in children and adults undergoing open cardiac operations (Jaquiss & Perryman) 1997;63:862-3,HW

Catheters

Cardiac pacemaker dysfunction in children after thoracic drainage catheter manipulation (Lobdell, Walters, & others) 1997;63:1466-7,CR

Surgical repair of a large residual atrial septal defect after transcatheter closure (Hekmat, Mehlhorn, & de Vivie) 1997;63:1456-8,CR

Catheters, indwelling

Port-access cardiac operations with cardioplegic arrest (Fann, Pompili, & others) 1997;63:S35-9*

Cavitation

Pulmonary resection for treatment of cavitary pulmonary infarction (Butler, Biscardi, & others) 1997;63:849-50,CR

Central nervous system

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- Sternal retractor for IMA: is it ideal for redos? (Hariawala & Stetz) 1997;63:1218; Reply (Kole & Jain) 1997;63:1218,CP
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- Which stent to use for tracheobronchial stenoses: metallic or silicone? (Yim, Abdullah, & Izzat) 1997;63:1512-3,CP; Reply (Takamori) 1997;63:1513,CP
- Cost analysis**
- Resource utilization for minimally invasive direct and standard coronary artery bypass grafting (Zenati, Domit, & others) 1997;63:S84-7*
- Cryopreservation**
- Cryopreserved veins in myocardial revascularization: possible mechanism for their increased failure (Bilfinger, Hartman, & others) 1997;63:1063-9*
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- Cryoablation of septal pathways in patients with supraventricular tachyarrhythmias (Crawford & Gillette) 1997;63:1205-6,UP
- Surgical management of ventricular tachycardia (Shumway, Johnson, & others) 1997;63:1589-91*
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- Biochemical markers of myocardial injury during cardiac operations (Birdi, Angelini, & Bryan) 1997;63:879-84,CV
- Candida* pericarditis: clinical profile and treatment (Rabinovici, Szewczyk, & others) 1997;63:1200-4,CV
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- Pancoast (superior sulcus) tumors (Detterbeck) 1997;63:1810-8,CV
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- Management of the uncontrollable pulmonary air leak with cyanoacrylate glue (Horsley & Miller) 1997;63:1492-3,HW
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- Preoperative ECMO in congenital cyanotic heart disease using the AREC system (Trittenwein, Fürst, & others) 1997;63:1298-302*
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- Glucose control lowers the risk of wound infection in diabetics after open heart operations (Zerr, Furnary, & others) 1997;63:356-61*
- Tracheal mucormycosis (Andrews, Allan, & Larbalestier) 1997;63:230-2,CR
- Diaphragm**
- Exostosis of a rib causing laceration of the diaphragm: diagnosis and management (Simansky, Paley, & others) 1997;63:856-7,CR
- Digoxin**
- Effects of diltiazem versus digoxin on dysrhythmias and cardiac function after pneumonectomy (Amar, Rois-tacher, & others) 1997;63:1374-82*
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- Calcium-channel blockers preserve coronary endothelial reactivity after ischemia-reperfusion (Dagenais, Cartier, & others) 1997;63:1050-6*
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- Operation for type B aortic dissection using hypothermic selective cerebral perfusion (Tayama, Akashi, & others) 1997;63:535-7,CR
- Paraplegia after thoracoabdominal aortic aneurysm repair: is dissection a risk factor? (Coselli, LeMaire, & others) 1997;63:28-36*
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- Surgical treatment of acute type B aortic dissection using an endoprosthesis (elephant trunk) (Palma, Almeida, & others) 1997;63:1081-4*

Dissection (cont'd)

- Surgical treatment of dissecting aneurysm of the interventricular septum (Wu) 1997;63:545-7,CR
- Treatment of aortic dissection and ruptured abdominal aneurysm with coronary bypass (Ghalili & Khan) 1997;63:223-5,CR

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- Addition of a thiazide: an effective remedy for furosemide resistance after cardiac operations (Vánky, Broquist, & Svedjeholm) 1997;63:993-7*

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- Dynamic evaluation of the 21-mm Medtronic Intact aortic bioprosthesis by dobutamine echocardiography (Kadir, Izzat, & others) 1997;63:1128-32*

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- Allograft root on closed pulmonary valve for subaortic obstruction in double-inlet left ventricle with transposition of the great arteries (Bogers, van Boven, & Cromme-Dijkhuis) 1997;63:425-8*

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- Bidirectional cavopulmonary shunt in patients with anomalies of systemic and pulmonary venous drainage (McElhinney, Reddy, & others) 1997;63:1676-84*
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- Urokinase-coated flat drain for pediatric cardiac operations (Sakakibara, Atsumi, & others) 1997;63:603,CP

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- Sequential bilateral isolated lung perfusion in the rat: an experimental model (Nawata, Abolhoda, & others) 1997;63:796-9*

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- Detrimental effects of exogenous glutamate on spinal cord neurons during brief ischemia in vivo (Mori, Ueda, & others) 1997;63:1057-62*

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- The role of surgical ligation of patent ductus arteriosus in the era of the Rashkind device (Galal, Nehgme, & others) 1997;63:434-7*
- Video-assisted thoracoscopic operation for interruption of patent ductus arteriosus in adults (Chu, Chang, & others) 1997;63:175-9*

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- Results after surgical repair of Ebstein's anomaly (Augustin, Schmidt-Habelmann, & others) 1997;63:1650-6*

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- Intraoperative evaluation of atrioventricular septal defect repair by color flow mapping echocardiography (Canter, Spray, & others) 1997;63:592-3,UP
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- Torn ascending aorta missed by transesophageal echocardiography (Lick, Zwischenberger, & others) 1997;63:1768-70,CR

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- Dynamic evaluation of the 21-mm Medtronic Intact aortic bioprosthesis by dobutamine echocardiography (Kadir, Izzat, & others) 1997;63:1128-32*

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- Spool-like stent for the open sternum after cardiac operations (Sato, Sakai, & others) 1997;63:572-4,HW

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- Cardiothoracic databases: where are we headed? (Grover) 1997;63:1531-2,ED
- Cavopulmonary shunt and pulmonary arteriovenous malformations (Kawashima) 1997;63:930-2,ED
- Central nervous system injury after aortic operations: profits of amending old ways (Svensson) 1997;63:9-11,ED
- Discontinuing the LVAD: ethical considerations (Powell & Oz) 1997;63:1223-4,ED
- Do small aortic valves influence long-term survival? (Christakis & Goldman) 1997;63:933-4,ED
- Fast-track recovery in the elderly patient (Engelman) 1997;63:606-7,ED
- Gene transfer and thoracic surgery: more to come (Kaiser & Albelda) 1997;63:1527-8,ED
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- Postthoracoscopy pain: is TENS the answer? (Brodsky & Mark) 1997;63:608-10,ED
- Reflection on collaborative efforts in cardiothoracic surgery (Rainer) 1997;63:320,ED
- Selection mechanisms as major determinants of survival after pulmonary metastasectomy (Åberg) 1997;63:611-2,ED
- Thoughts and considerations on modeling coronary bypass surgery risk (Warner) 1997;63:1529-30,ED
- Toward a new frontier in cardiac surgery (Newman & Reves) 1997;63:322-3,ED
- Who should undergo esophagectomy? (Reed) 1997;63:1225-6,ED

Education, medical

- Challenges for training thoracic surgeons in the future (Kron) 1997;63:309-11*

Electric countershock

- Defibrillator lead via small cephalic vein: we learned from pacemaker surgery (Wolfhard & Splittgerber) 1997;63:919-20,CP; Reply (Gordon & Salerno) 1997;63:920,CP
- Early cardioverter defibrillator infection: value of indium-111 leukocyte imaging (Bhadelia & Oates) 1997;63:236-8,CR
- Undertreatment and overtreatment of patients with infected antiarrhythmic implantable devices (Molina) 1997;63:504-9*

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- Vagus nerve stimulation as a method to temporarily slow or arrest the heart (Matheny & Shaar) 1997;63:S28-9*

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- Emergency pulmonary embolectomy with percutaneous cardiopulmonary bypass (Ohteki, Norita, & others) 1997;63:1584-6*

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- Calcified embolus of the left coronary ostia after aortic valve replacement (Folliquet, Malergue, & others) 1997;63:1162-3,CR

- Determination of size of aortic emboli and embolic load during coronary artery bypass grafting (Barbut, Yao, & others) 1997;63:1262-7*
- Embolization, therapeutic**
- Coronary artery fistulas in infants and children: a surgical review and discussion of coil embolization (Mavroudis, Backer, & others) 1997;63:1235-42*
- Embolization of IMA side branch for post-CABG ischemia (Hartz & Heuser) 1997;63:1765-6,CR
- Empyema**
- Treatment of empyema by transposition of contralateral lower trapezius flap (Watanabe, Imaizumi, & others) 1997;63:837-9,CR
- Endoaneurysmorrhaphy**
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- Endocardial cushion defects**
- Alternative technique for the ostium primum defect repair: a free wall flap of right atrium (Masseti, Babatasi, & others) 1997;63:1803-4,HW
- Endocarditis**
- Active native valve endocarditis: determinants of operative death and late mortality (Jault, Gandjbakhch, & others) 1997;63:1737-41*
- Allograft aortic root replacement in prosthetic aortic valve endocarditis: a review of 32 patients (Dossche, Defauw, & others) 1997;63:1644-9*
- Endoaortitis of coarctation of the aorta after invasive diagnostics (Böhm, Botha, & others) 1997;65:829-30,CR
- Is there an advantage to repairing infected mitral valves? (Muehrcke, Cosgrove, & others) 1997;63:1718-24*
- Mitral homograft replacement of the tricuspid valve for endocarditis (Katsumata & Westaby) 1997;63:1480-2,CR
- Oral disease burden in patients undergoing prosthetic heart valve implantation (Terezhalmay, Safadi, & others) 1997;63:402-4*
- Tricuspid valve repair for tricuspid valve endocarditis after Fallot repair (d'Udekem, Sluysmans, & Rubay) 1997;63:830-2,CR
- Endocardium**
- Repair of postinfarction ventricular septal defect with joined endocardial patches (Shibata, Suehiro, & others) 1997;63:1165-7,CR
- Endoscopy**
- Functional improvement after volume reduction: sternotomy versus videoendoscopic approach (Wissner, Tschernko, & others) 1997;63:822-8*
- Video-assisted removal of left ventricular mass (Duarte, Fenton, & Brown) 1997;63:833-5,CR
- Endothelins**
- Endothelin-1 and neutrophil activation during heparin-coated cardiopulmonary bypass (Lundblad, Moen, & Fosse) 1997;63:1361-7*
- Experimental bronchiolitis obliterans induced by in vivo HVJ-liposome-mediated endothelin-1 gene transfer (Takeda, Sawa, & others) 1997;63:1562-7*
- Time course of endothelin-1 and nitrate anion levels after cardiopulmonary bypass in congenital heart defects (Hiramatsu, Imai, & others) 1997;63:648-52*
- Endothelium**
- Effects of warm ischemia on valve endothelium (Pompilio, Polvani, & others) 1997;63:656-62*
- Endothelium, vascular**
- Calcium-channel blockers preserve coronary endothelial reactivity after ischemia-reperfusion (Dagenais, Cartier, & others) 1997;63:1050-6*
- Effects of lung preservation with Euro-Collins and University of Wisconsin solutions on endothelium-dependent relaxations (Strüber, Ehlers, & others) 1997;63:428-35*
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- Radial artery has higher receptor-mediated contractility but similar endothelial function compared with mammary artery (He & Yang) 1997;63:1346-52*
- Snaring of the target vessel in less invasive bypass operations does not cause endothelial dysfunction (Perrault, Menasché, & others) 1997;63:751-5*
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- Surgical preparation abolishes endothelium-derived hyperpolarizing factor-mediated hyperpolarization in the human saphenous vein (Yang & He) 1997;63:429-33*
- Enzymes**
- Cardiac enzymes and autotransfusion of shed mediastinal blood after myocardial revascularization (Schmidt, Mortensen, & others) 1997;63:1288-92*
- EPC-K₁**
- EPC-K₁ is effective in lung preservation in an ex vivo rabbit lung perfusion model (Nagahiro, Aoe, & others) 1997;63:954-9*
- Epicardium**
- Off-bypass coronary bypass grafting via minithoracotomy using mechanical epicardial stabilization (Cremer, Strüber, & others) 1997;63:S79-83*
- Epigastric artery**
- Morphometric study of the right gastroepiploic and inferior epigastric arteries (van Son, Smedts & others) 1997;63:709-15*
- Equipment and supplies**
- Extracorporeal membrane oxygenation using a centrifugal pump and servo regulator to prevent negative inlet pressure (Pedersen, Videm, & others) 1997;63:1333-9*
- Ode to an Emerson (Boothe & Weber) 1997;63:917,CP
- Erythropoietin**
- Coronary artery bypass in a patient with pernicious anemia (Sakakibara, Kaminishi, & Mitsuhashi) 1997;63:303,CP
- Esmolol**
- Beyond hyperkalemia: β -blocker-induced cardiac arrest for normothermic cardiac operations (Ede, Ye, & others) 1997;63:721-7*
- Esophageal fistula**
- Successful repair of primary concomitant aortobronchial and aortoesophageal fistulas (Tkebuchava, von Segesser, & Turina) 1997;63:1779-81,CR
- Esophageal motility disorders**
- Spiral staircase esophageal peristalsis (Schowengerdt) 1997;63:602-3,CP
- Esophageal neoplasms**
- Double stents for carcinoma of the esophagus invading the airway (Venuta, De Giacomo, & others) 1997;63:1515-6,CP; Reply (Takamori) 1997;63:1516,CP
- Esophageal leiomyomatosis involving trachea: surgical resection and repair (Kumar, Breach, & Goldstraw) 1997;63:531-3,CR

Esophageal neoplasms (cont'd)

Esophageal resection for cancer of the esophagus: long-term function and quality of life (McLarty, Deschamps, & others) 1997;63:1568-72*

Esophagectomy for cancer in the patient aged 70 years and older (Jougon, Ballester, & others) 1997;63:1423-7*

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Which stent to use for tracheobronchial stenoses: metallic or silicone? (Yim, Abdullah, & Izzat) 1997;63:1512-3,CP; Reply (Takamori) 1997;63:1513,CP

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Bilateral thoracotomy and inferior sternotomy for bypass grafting after esophagectomy (Smedira, Eng, & Rice) 1997;63:847-9,CR

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Esophagectomy for cancer in the patient aged 70 years and older (Jougon, Ballester, & others) 1997;63:1423-7*

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Who should undergo esophagectomy? (Reed) 1997;63:1225-6,ED

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Transhiatal closure of right-sided esophageal rupture after a left pneumonectomy (Kotsis, Agócs & Kovács) 1997;63:246-7,CR

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Exostoses

Exostosis of a rib causing laceration of the diaphragm: diagnosis and management (Simansky, Paley, & others) 1997;63:856-7,CR

Extracorporeal circulation

Heparin coating with aprotinin reduces blood activation during coronary artery operations (Baufreton, Jansen, & others) 1997;63:50-6*

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Prevention of lower extremity ischemia during cardiopulmonary bypass via femoral cannulation (Vander Salm) 1997;63:251-2,HW

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Immunohistochemical abnormalities of fibrillin in cardiovascular tissues in Marfan's syndrome (Fleischer, Nousari, & others) 1997;63:1012-7*

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Management of the uncontrollable pulmonary air leak with cyanoacrylate glue (Horsley & Miller) 1997;63:1492-3,HW

"Patch-glue" annular reconstruction for mitral valve replacement in severely calcified mitral annulus (Ruvola, Speziale, & others) 1997;63:570-1,HW

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Visualization of ventricular fibroelastoma with a video-assisted thoracoscope (Espada, Talwalker, & others) 1997;63:221-3,CR

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Effect of aprotinin on plasma fibronectin levels during cardiopulmonary bypass (Khudhairi, Nadeem, & others) 1997;63:64-7*

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Repair of aortobronchial fistula using extraanatomic grafts and hypothermic arrest (Lawrence, Kern, & Tribble) 1997;63:1158-60,CR

Technique for early bronchopleural fistula repair after lung resection (Grunenwald & Spaggiari) 1997;63:1214-5,CP

Traumatic subarachnoid-pleural fistula (Fell) 1997;63:1511,CP; Reply (Sarwal) 1997;63:1511,CP

Treatment of empyema by transposition of contralateral lower trapezius flap (Watanabe, Imaizumi, & others) 1997;63:837-9,CR

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The effect of fluorocarbon emulsion on 24-hour canine heart preservation by coronary perfusion (Gohra, Fujimura, & others) 1997;63:594-5,UP

Perfluorocarbon emulsion in the cardiopulmonary bypass prime reduces neurologic injury (Cochran, Kunzelman, & others) 1997;63:1326-32*

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Reduction pneumonoplasty for patients with a forced expiratory volume in 1 second of 500 milliliters or less (Eugene, Dajee, & others) 1997;63:186-92*

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Thoracoscopic retrieval of foreign bodies after penetrating chest trauma (Bartek, Grasc, & Hazelrigg) 1997;63:1783-5,CR

Formaldehyde

Gelatin-resorcinol-formaldehyde-glutaraldehyde glue-spread stapler prevents air leakage from the lung (Nomori & Horio) 1997;63:352-5*

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Operation for pectus excavatum (Stark) 1997;63:303-4,CP; Reply (Haller) 1997;63:304,CP

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Addition of a thiazide: an effective remedy for furosemide resistance after cardiac operations (Vánky, Broquist, & Svedjeholm) 1997;63:993-7*

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Low-grade intimal hyperplasia in internal mammary and right gastroepiploic arteries as bypass grafts (van Son, Falk, & others) 1997;63:706-8*

Morphometric study of the right gastroepiploic and inferior epigastric arteries (van Son, Smedts & others) 1997;63:709-15*

Gelatin

Gelatin-resorcinol-formaldehyde-glutaraldehyde glue-spread stapler prevents air leakage from the lung (Nomori & Horio) 1997;63:352-5*

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Expression of immediate early genes after cardioplegic arrest and reperfusion (Aebert, Cornelius, & others) 1997;63:1669-75*

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Detrimental effects of exogenous glutamate on spinal cord neurons during brief ischemia in vivo (Mori, Ueda, & others) 1997;63:1057-62*

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Assessment of internal thoracic artery vasoreactivity in response to sublingual nitroglycerin (Canver, Armstrong, & others) 1997;63:1041-3*

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Immunohistochemical abnormalities of fibrillin in cardiovascular tissues in Marfan's syndrome (Fleischer, Nousari, & others) 1997;63:1012-7*

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Clinical application of transluminal endovascular graft placement for aortic aneurysms (Inoue, Iwase, & others) 1997;63:522-8*

Cryopreserved veins in myocardial revascularization: possible mechanism for their increased failure (Bilfinger, Hartman, & others) 1997;63:1063-9*

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The internal mammary artery malperfusion syndrome: late angiographic verification (Gaudino, Trani, & others) 1997;63:1257-61*

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- Hemodynamics**
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Pulmonary hemodynamics and blood flow characteristics in chronic pulmonary hypertension (Chen, Bittner, & others) 1997;63:806-13*
- Hemolysis**
Extracorporeal membrane oxygenation using a centrifugal pump and servo regulator to prevent negative inlet pressure (Pedersen, Videm, & others) 1997;63:1333-9*
- Hemopump**
Flow characteristics of the Hemopump: an experimental in vitro study (Lönn, Wulff, & others) 1997;63:162-6*
- Hemorrhage**
Acute right-sided heart failure due to hemorrhage into a pericardial cyst (Borges, Gellert, & others) 1997;63:845-7,CR
Effect of heparin loading during congenital heart operation on thrombin generation and blood loss (Turner-Gomes, Nitschmann, & others) 1997;63:482-8*
Preoperative platelet dysfunction increases the benefit of aprotinin in cardiopulmonary bypass (Ray, Marsh, & others) 1997;63:57-63*
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- Hemostasis**
Intraoperative hetastarch infusion impairs hemostasis after cardiac operations (Cope, Banks, & others) 1997;63:78-83*
"Low-dose" aprotinin modifies hemostasis but not proinflammatory cytokine release (Ashraf, Tian, & others) 1997;63:68-73*
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- Hemothorax**
Exostosis of a rib causing laceration of the diaphragm: diagnosis and management (Simansky, Paley, & others) 1997;63:856-7,CR
The role of thoracoscopy in the management of retained thoracic collections after trauma (Heniford, Carrillo, & others) 1997;63:940-3*
- Heparin**
Antithrombin III, leukocyte activation, and low systemic heparinization (Ranucci) 1997;63:1211; Reply (Øvrum & Videm) 1997;63:1211-2,CP
Cardiopulmonary bypass with heparin-coated circuits and reduced systemic anticoagulation (Kuitunen, Heikkilä, & Salmenperä) 1997;63:438-44*
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Heparin coating with aprotinin reduces blood activation during coronary artery operations (Baufreton, Jansen, & others) 1997;63:50-6*
Heparin-bonded circuits decrease myocardial ischemic damage: an experimental study (Lazar, Zhang, & others) 1997;63:1701-5*
Low heparinization with heparin-bonded bypass circuits: is it a safe strategy? (Bannan, Danby, & others) 1997;63:663-8*
- Hepatic veins**
Hepatic venous malformation after modified Fontan procedure with partial hepatic vein exclusion (Schneider, Banerjee, & others) 1997;63:1177-9,CR
Pulmonary AV malformations after superior cavopulmonary connection: resolution after inclusion of hepatic veins in the pulmonary circulation (Shah, Rychik, & others) 1997;63:960-3*
- Herbert Sloan Lecture**
Extended operations for the treatment of lung cancer (Darteville) 1997;63:12-9*
- Hernia**
Transhiatal herniation of colon after esophagectomy and gastric pull-up (Heitmiller, Gillinov, & Jones) 1997;63:554-6,CR
Traumatic lung herniation (Allen & Fischer) 1997;63:1455-6,CR
- Hernia, diaphragmatic**
Diagnosis and repair of a Morgagni hernia with video-assisted thoracic surgery (Hussong, Landreneau, & Cole) 1997;63:1474-5,CR
- Hippocratic Oath**
Responsibility, honor, and integrity (or, how do we write the perfect practice guidelines?) (Replogle) 1997;63:7-8,PA
- How to do it**
Alternative technique for the ostium primum defect repair: a free wall flap of right atrium (Masseti, Babatasi, & others) 1997;63:1803-4,HW
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Correction of left superior vena cava draining to the left atrium using extracardiac techniques (Reddy, McElhinney, & Hanley) 1997;63:1800-2,HW
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Facilitated exposure of the internal mammary artery in minimally invasive direct-vision CABG (Jansen, Mansvelt Beck, & others) 1997;63:1797-9,HW
Forty-five-degree two-stage venous cannula: advantages over standard two-stage venous cannulation (Lawrence & Desai) 1997;63:253-4,HW
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- Linear segmental annuloplasty for mitral valve repair (Ricchi, Ortu, & others) 1997;63:1805-6,HW
- Management of the uncontrollable pulmonary air leak with cyanoacrylate glue (Horsley & Miller) 1997;63:1492-3,HW
- Modified technique for heterotopic heart transplantation in small primates (Minanov, Kwiatkowski, & others) 1997;63:258-60,HW
- Omental transfer as a method of preventing residual persistent subcutaneous infection after mediastinitis (Yoshida, Ohshima, & others) 1997;63:858-60,HW
- "Patch-glue" annular reconstruction for mitral valve replacement in severely calcified mitral annulus (Ruvola, Speziale, & others) 1997;63:570-1,HW
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- Preperitoneal suprahepatic pacemaker generator placement in the pediatric population (Young, Bacaner, & Powell) 1997;63:1486-8,HW
- Prevention of air leaks after pulmonary wedge resection (Vaughn, Wolner, & others) 1997;63:864-6,HW
- Prevention of lower extremity ischemia during cardiopulmonary bypass via femoral cannulation (Vander Salm) 1997;63:251-2,HW
- Rapid safe central venous access in children and adults undergoing open cardiac operations (Jaquiss & Perryman) 1997;63:862-3,HW
- Retrosternal fat pad for prevention of suppurative sternitis (Kejriwal & Paterson) 1997;63:1484-5,HW
- Semiskeletonization of internal thoracic artery: alternative harvest technique (Hori & Suma) 1997;63:867-8,HW
- Single-stage bilateral, video-assisted thoracoscopic lung volume reduction operation (Vigneswaran & Podbielski) 1997;63:1807-9,HW
- Spool-like stent for the open sternum after cardiac operations (Satoh, Sakai, & others) 1997;63:572-4,HW
- Technique of right heart protection and deairing during Heartmate vented electric LVAD implantation (Van Meter, Robbins, & Ochsner) 1997;63:1191-2,HW
- A technique to protect the left internal thoracic artery (Wait) 1997;63:1183-5,HW
- Technique to repair tetralogy of Fallot with absent pulmonary valve (Conte, Serraf, & others) 1997;63:1489-91,HW
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- Two-directional aortic annular enlargement for aortic valve replacement in the small aortic annulus (Otaki, Oku, & others) 1997;63:261-3,HW
- Venous drainage to the heart-lung machine via the internal jugular vein (Flege & Wolf) 1997;63:861,HW
- Video-assisted resection of hypertrophied and fibrous intraventricular tissue (Bauer, Reuthebuch, & others) 1997;63:1180-2,HW

Hydrogen

- The contribution of Na^+/H^+ exchange to ischemia-reperfusion injury after hypothermic cardioplegic arrest (Yamauchi, Ichikawa, & others) 1997;63:1107-12*

Hydrothorax

- Treatment of refractory, nonmalignant hydrothorax with a pleurovenous shunt (Park, Shrager, & others) 1997;63:1777-9,CR

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- Adenosine prevents hyperkalemia-induced calcium loading in cardiac cells: relevance for cardioplegia (Jovanović, Alekseev, & others) 1997;63:153-61*

- Hyperkalemia exposure impairs EDHF-mediated endothelial function in the human coronary artery (He) 1997;63:84-7*

Hypertension, pulmonary

- Effects of nitric oxide after cardiac transplantation in the setting of recipient pulmonary hypertension (Chen, Bittner, & others) 1997;63:1546-55*
- Magnesium sulfate to facilitate weaning of nitric oxide in pulmonary hypertension (Al-Halees, Afrane, & El-Barbary) 1997;63:298-9,CP; Reply (Fullerton & McIntyre) 1997;63:299,CP
- Milrinone improves pulmonary hemodynamics and right ventricular function in chronic pulmonary hypertension (Chen, Bittner, & others) 1997;63:814-21*
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- Variable response to inhaled nitric oxide after cardiac surgery (Fullerton, Jagers, & others) 1997;63:1251-6*

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- Hypoplastic left heart syndrome (Penkoske) 1997;63:285-6,KR
- Monitoring systemic venous oxygen saturations in the hypoplastic left heart syndrome (Riordan, Locher, & others) 1997;63:835-7,CR

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- Configuration of linear dynamic cardiomyoplasty for hypoplastic right heart ventricle (Morita, Kurosawa, & others) 1997;63:676-82*

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- The brain uses mostly dissolved oxygen during profoundly hypothermic cardiopulmonary arrest (Dexter, Kern, & others) 1997;63:1725-9*
- Central nervous system injury after aortic operations: profits of amending old ways (Svensson) 1997;63:9-11,ED
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- Effects of butanedione monoxime and temperature on prolonged cardiac storage (Zhang, Furukawa, & others) 1997;63:388-94*
- Microvascular reactivity after cardioplegia (Tyers) 1997;63:598-9,CP; Reply (Guyton) 1997;63:599,CP
- Nitrous oxide method of measuring cerebral blood flow during hypothermic cardiopulmonary bypass (MacVeigh, Cook, & others) 1997;63:736-40*
- Operation for type B aortic dissection using hypothermic selective cerebral perfusion (Tayama, Akashi, & others) 1997;63:535-7,CR
- Rapid cooling contracture with cold cardioplegia (Lahorra, Torchiana, & others) 1997;63:1353-60*
- Separate-hypothermia retrograde cerebral perfusion (Imamaki, Hirayama, & Nakajima) 1997;63:547-8,CR
- Successful transplantation of lungs topically cooled in the non-heart-beating donor for 6 hours (Steen, Ingemansson, & others) 1997;63:345-51*

Immunodeficiency

- Tracheal mucormycosis (Andrews, Allan, & Larbalestier) 1997;63:230-2,CR

Immunosuppression

- Synergistic immunosuppression caused by high-dose methylprednisolone and cardiopulmonary bypass (Mayumi, Zhang, & others) 1997;63:129-37*

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- Coronary bypass grafting via minithoracotomy on the beating heart (Işık, Dağler, & others) 1997;63:557-60*

- Minimally invasive coronary revascularization through parasternal incisions without cardiopulmonary bypass (Stanbridge, Hadjinikolaou, & others) 1997;63:S53-6*
- Indium**
Early cardioverter defibrillator infection: value of indium-111 leukocyte imaging (Bhadelia & Oates) 1997;63:236-8,CR
- Infant**
Clinical experience with the MEDOS HIA-VAD system in infants and children: a preliminary report (Konertz, Hotz, & others) 1997;63:1138-44*
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One-stage repair of truncus arteriosus, CAVC, and TAPVC (Conte, Jensen, & others) 1997;63:1781-3,CR
Predicting feasibility of biventricular repair of right-dominant unbalanced atrioventricular canal (van Son, Phoon, & others) 1997;63:1657-63*
Preperitoneal suprahepatic pacemaker generator placement in the pediatric population (Young, Bacaner, & Powell) 1997;63:1486-8,HW
Regional blood flow during pulsatile cardiopulmonary bypass and after circulatory arrest in an infant model (Lodge, Ündar, & others) 1997;63:1243-50*
Repair of large muscular ventricular septal defects in infants employing left ventriculotomy (Hannan, McDaniel, & Kron) 1997;63:288-9,UP
Tricuspid valve repair for tricuspid valve endocarditis after Fallot repair (d'Udekem, Sluysmans, & Rubay) 1997;63:830-2,CR
- Infant, newborn**
Cardiac tamponade after a systemic-pulmonary shunt complicated by serous leakage (García-Guereta, Burgueros, & others) 1997;63:248-50,CR
Intraoperative ultrasonographic troubleshooting after the arterial switch operation (Shankar, Sreeram, & others) 1997;63:445-8*
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- Infarction**
Pulmonary resection for treatment of cavitary pulmonary infarction (Butler, Biscardi, & others) 1997;63:849-50,CR
- Infection**
Omental transfer as a method of preventing residual persistent subcutaneous infection after mediastinitis (Yoshida, Ohshima, & others) 1997;63:858-60,HW
Results of extracorporeal membrane oxygenation in children with sepsis (Meyer, Jessen, & the Extracorporeal Life Support Organization) 1997;63:756-61*
Undertreatment and overtreatment of patients with infected antiarrhythmic implantable devices (Molina) 1997;63:504-9*
- Inflammation**
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"Low-dose" aprotinin modifies hemostasis but not proinflammatory cytokine release (Ashraf, Tian, & others) 1997;63:68-73*
- Methylene blue administration in SIRS after cardiac operations (Evora, Ribeiro, & de Andrade) 1997;63:1212-3,CP; Reply (Taylor) 1997;63:1213,CP
Pneumonectomy for inflammatory lung disease (De Groot & Fulton) 1997;63:1825,CP; Reply (Reed) 1997;63:1825,CP; Reply (Massard & Wihlm) 1997;63:1825-6,CP
- Interleukins**
Circulatory resuscitation with left ventricular assist device support reduces interleukins 6 and 8 levels (Goldstein, Moazami, & others) 1997;63:971-4*
- Internship and residency**
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- Intervention**
Monitoring systemic venous oxygen saturations in the hypoplastic left heart syndrome (Riordan, Locher, & others) 1997;63:835-7,CR
- Intima**
Endothelial cell injury in cardiovascular surgery: the intimal hyperplastic response (Allaire & Clowes) 1997;63:582-91,CV
Low-grade intimal hyperplasia in internal mammary and right gastroepiploic arteries as bypass grafts (van Son, Falk, & others) 1997;63:706-8*
Morphometric study of the right gastroepiploic and inferior epigastric arteries (van Son, Smedts & others) 1997;63:709-15*
- Intraaortic balloon pumping**
Paraplegia complicating intraaortic balloon pumping (Hurlé, Llamas, & others) 1997;63:1217-8,CP
Physiology and biomechanics of intraaortic balloon pumping (Chen, Aklog, & others) 1997;63:294-296,CP; Reply (Kim, Euler, & Pifarré) 1997;63:296-7,CP
- Intraoperative complications**
Biochemical markers of myocardial injury during cardiac operations (Birdi, Angelini, & Bryan) 1997;63:879-84,CV
Comparison of serum S-100 β levels during CABG and intracardiac operations (Taggart, Mazel, & others) 1997;63:492-6*
Determination of size of aortic emboli and embolic load during coronary artery bypass grafting (Barbut, Yao, & others) 1997;63:1262-7*
Extracorporeal membrane oxygenation using a centrifugal pump and servo regulator to prevent negative inlet pressure (Pedersen, Videm, & others) 1997;63:1333-9*
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Nonoperative management of tracheal laceration during endotracheal intubation (Ross, Grant, & others) 1997;63:240-2,CR
Rare complication of retrograde cardioplegia: inner wall perforation of the right atrium (He) 1997;63:539-41,CR
- Intubation, intratracheal**
Danger of false intubation after traumatic tracheal transection (Baumgartner, Ayres, & Theuer) 1997;63:227-8,CR
Determinants of longer duration of endotracheal intubation after adult cardiac operations (Bando, Sun, & others) 1997;63:1026-33*
Nonoperative management of tracheal laceration during endotracheal intubation (Ross, Grant, & others) 1997;63:240-2,CR

Invited presentation

- Challenges for training thoracic surgeons in the future (Kron) 1997;63:309-11*

Ischemia

- Calcium-channel blockers preserve coronary endothelial reactivity after ischemia-reperfusion (Dagenais, Cartier, & others) 1997;63:1050-6*
- Captopril in cardioplegia and reperfusion: protective effects on the ischemic heart (Gurevitch, Pevni, & others) 1997;63:627-33*
- The contribution of Na^+/H^+ exchange to ischemia-reperfusion injury after hypothermic cardioplegic arrest (Yamauchi, Ichikawa, & others) 1997;63:1107-12*
- Coronary sinus retroperfusion with a simple method (Katrıcioglu, Taşdemir, & Bayazit) 1997;63:1210,CP; Reply (Aldea) 1997;63:1210-1,CP
- Detrimental effects of exogenous glutamate on spinal cord neurons during brief ischemia in vivo (Mori, Ueda, & others) 1997;63:1057-62*
- Effect of desferrioxamine cardioplegia on ischemia-reperfusion injury in isolated rat heart (Nicholson, Squier, & others) 1997;63:1003-11*
- Effect of spinal cord preconditioning on paraplegia during cross-clamping of the thoracic aorta (Matsuyama, Chiba, & others) 1997;63:1315-20*
- Effects of warm ischemia on valve endothelium (Pompilio, Polvani, & others) 1997;63:656-62*
- Embolization of IMA side branch for post-CABG ischemia (Hartz & Heuser) 1997;63:1765-6,CR
- Heparin-bonded circuits decrease myocardial ischemic damage: an experimental study (Lazar, Zhang, & others) 1997;63:1701-5*
- Normothermic retrograde blood cardioplegia with or without preceding ischemic preconditioning (Kaukoranta, Lepojärvi, & others) 1997;63:1268-74*
- Preconditioning and hypothermic cardioplegia protect human heart equally against ischemia (Cleveland, Meldrum, & others) 1997;63:147-52*
- Prevention of lower extremity ischemia during cardiopulmonary bypass via femoral cannulation (Vander Salm) 1997;63:251-2,HW
- Prolonged ischemia is associated with more pronounced rejection in the lung allograft (Serrick, Giaid, & others) 1997;63:202-8*
- Role of myocardial protection for coronary artery bypass grafting on the beating heart (Flameng) 1997;63:S18-22*

Isosorbide dinitrate

- High-dose isosorbide dinitrate for myocardial revascularization with composite arterial grafts (Gurevitch, Miller, & others) 1997;63:382-7*

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- Prospective study of the natural history of thoracic aortic aneurysms (Juvonen, Ergin, & others) 1997;63:1533-45*

Jugular veins

- Venous drainage to the heart-lung machine via the internal jugular vein (Flege & Wolf) 1997;63:861,HW

Key references

- Hypoplastic left heart syndrome (Penkoske) 1997;63:285-6,KR
- Malignant mesothelioma (Campbell) 1997;63:1503-5,KR
- Transposition of the great arteries (Myers) 1997;63:895-8,KR

Kidney transplantation

- Open heart operations after renal transplantation (Dresler, Uthoff, & others) 1997;63:143-6*

Larynx

- An alternative airway in cardiac surgery? (Ghosh, West, & Spyt) 1997;63:921-2,CP
- The laryngeal mask airway: a new standard for airway evaluation in thoracic surgery (Ferson, Nesbitt, & others) 1997;63:768-72*

Laser surgery

- Laser-tissue interaction during transmyocardial laser revascularization (Jansen, Frenz, & others) 1997;63:640-7*
- Nonocclusive Excimer laser-assisted end-to-side anastomosis (Tulleken, Verdaasdonk, & Mansvelt Beck) 1997;63:S138-42*
- Physiology, histology, and 2-week morphology of acute transmyocardial channels made with a CO_2 laser (Kohmoto, Fisher, & others) 1997;63:1275-83*
- Pseudovascular tubes obscure transmyocardial revascularization (Beranek) 1997;63:597-8,CP

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- Configuration of linear dynamic cardiomyoplasty for hypoplastic right heart ventricle (Morita, Kurosawa, & others) 1997;63:676-82*
- Vascular delay of the latissimus dorsi muscle: an essential component of cardiomyoplasty (Carroll, Camilla, & others) 1997;63:1034-40*

Leg injuries

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- The brain uses mostly dissolved oxygen during profoundly hypothermic cardiopulmonary arrest (Dexter, Kern, & others) 1997;63:1725-9*
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- Defibrillator lead via small cephalic vein: we learned from pacemaker surgery (Wolfhard & Splittgerber) 1997;63:919-20,CP; Reply (Gordon & Salerno) 1997;63:920,CP
- Preperitoneal suprahepatic pacemaker generator placement in the pediatric population (Young, Bacaner, & Powell) 1997;63:1486-8,HW
- Undertreatment and overtreatment of patients with infected antiarrhythmic implantable devices (Molina) 1997;63:504-9*
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- Control of postoperative pain by transcutaneous electrical nerve stimulation after thoracic operations (Benedetti, Amanzio, & others) 1997;63:773-6*
- Pain treatment after thoracotomy: is it a special problem? (Salzer, Klinger, & others) 1997;63:1411-4*
- Postthoracoscopy pain: is TENS the answer? (Brodsky & Mark) 1997;63:608-10,ED
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- Allograft root on closed pulmonary valve for subaortic obstruction in double-inlet left ventricle with transposition of the great arteries (Bogers, van Boven, & Cromme-Dijkhuis) 1997;63:425-8*
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- Pannus**
- Obstruction of mechanical mitral prostheses: analysis of pathologic findings (Vitale, Renzulli, & others) 1997;63:1101-6*
- Papillary muscles**
- Anomalous papillary muscle as a cause of left ventricular outflow tract obstruction in an adult (Kon, Grech, & others) 1997;63:232-4,CR
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- Effect of spinal cord preconditioning on paraplegia during cross-clamping of the thoracic aorta (Matsuyama, Chiba, & others) 1997;63:1315-20*
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- Parathyroid neoplasms**
- Mediastinal parathyroid cysts (Landau, Chamberlain, & others) 1997;63:951-3*
- Patient position**
- Patient position for a synchronous cervicothoracoabdominal two-team esophagectomy (Mattioli, D'Ovidio, & others) 1997;63:255-7,HW
- Perfusion, regional**
- Aortic arch operation using selective cerebral perfusion for nondissecting thoracic aneurysm (Hayashi, Eguchi, & others) 1997;63:88-92*
- Coronary sinus retroperfusion with a simple method (Katircioğlu, Taşdemir, & Bayazit) 1997;63:1210,CP; Reply (Aldea) 1997;63:1210-1,CP
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- Impact of retrograde cerebral perfusion on ascending aortic and arch aneurysm repair (Safi, Letsou, & others) 1997;63:1601-7*
- The internal mammary artery malperfusion syndrome: late angiographic verification (Gaudino, Trani, & others) 1997;63:1257-61*

Perfusion, regional (cont'd)

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Effect of bovine pericardial strips on air leak after stapled pulmonary resection (Hazelrigg, Boley, & others) 1997;63:1573-5*

Effect of physical protection on the mesothelial integrity of the pericardium (Hurlé, de la Vega, & others) 1997;63:1091-4*

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Right-to-left interatrial shunt after pneumonectomy (Bakris, Siddiqi, & others) 1997;63:198-201*

Pleura

Natural history of bronchopleural fistula after pneumonectomy: a review of 96 cases (Hollaus, Lax, & others) 1997;63:1391-7*

Technique for early bronchopleural fistula repair after lung resection (Grunenwald & Spaggiari) 1997;63:1214-5,CP

Traumatic subarachnoid-pleural fistula (Fell) 1997;63:1511,CP; Reply (Sarwal) 1997;63:1511,CP

Treatment of empyema by transposition of contralateral lower trapezius flap (Watanabe, Imaizumi, & others) 1997;63:837-9,CR

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Treatment of refractory, nonmalignant hydrothorax with a pleurovenous shunt (Park, Shrager, & others) 1997;63:1777-9,CR

Pleural neoplasms

Patterns of failure after trimodality therapy for malignant pleural mesothelioma (Baldini, Recht, & others) 1997;63:334-8*

Plombage

Postpneumonectomy stump fistula in a ventilated patient (De Groot & Douie) 1997;63:552-4,CR

Pneumonectomy

Dyspnea after pneumonectomy: the result of an atrial septal defect (Zueger, Solèr, & others) 1997;63:1451-2,CR

Effects of diltiazem versus digoxin on dysrhythmias and cardiac function after pneumonectomy (Amar, Rois-tacher, & others) 1997;63:1374-82*

Natural history of bronchopleural fistula after pneumonectomy: a review of 96 cases (Hollaus, Lax, & others) 1997;63:1391-7*

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Transhiatal closure of right-sided esophageal rupture after a left pneumonectomy (Kotsis, Agócs & Kovács) 1997;63:246-7,CR

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Psychological implications in the surgical treatment of pneumothorax (Nazari) 1997;63:1830-1,CP

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Beneficial effects of Fluosol-polyethylene glycol cardioplegia on cold, preserved rabbit heart (Bhayana, Tan, & others) 1997;63:459-64*

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Prevention of air leaks after pulmonary wedge resection (Vaughn, Wolner, & others) 1997;63:864-6,HW

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Postoperative complications

- Anastomotic complications in minimally invasive coronary bypass grafting (Pagni, Qaqish, & others) 1997;63:S64-7*
- Attenuation of changes in leukocyte surface markers and complement activation with heparin-coated cardiopulmonary bypass (Moen, HØgåsén, & others) 1997;63:105-11*
- Avulsion of the left internal mammary artery after minimally invasive coronary bypass (McMahon, Bergsland, & others) 1997;63:843-5,CR
- Calcified embolus of the left coronary ostia after aortic valve replacement (Folliquet, Malergue, & others) 1997;63:1162-3,CR
- Cavopulmonary shunt and pulmonary arteriovenous malformations (Kawashima) 1997;63:930-2,ED
- Central nervous system injury after aortic operations: profits of amending old ways (Svensson) 1997;63:9-11,ED
- Cognitive outcome after coronary artery bypass: a one-year prospective study (McKhann, Goldsborough, & others) 1997;63:510-5*
- A dedicated prosthesis for open thoracostomy (Filomeno, de Campos, & others) 1997;63:1494-6,HW
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- Early cardioverter defibrillator infection: value of indium-111 leukocyte imaging (Bhadelia & Oates) 1997;63:236-8,CR
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- ECMO and inhaled nitric oxide for cardiopulmonary failure after heart retransplantation (Barzaghi, Olivei, & others) 1997;63:533-5,CR
- Effect of bovine pericardial strips on air leak after stapled pulmonary resection (Hazelrigg, Boley, & others) 1997;63:1573-5*
- Effect of physical protection on the mesothelial integrity of the pericardium (Hurlé, de la Vega, & others) 1997;63:1091-4*
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- Ischemic gastric ulcer after coronary bypass using the right gastroepiploic artery (Schroeyers, El Khoury, & others) 1997;63:1470-2,CR
- Late outcome and quality of life after complicated heart operations (Söderlind, Rutberg, & Olin) 1997;63:124-8*
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- Management of arch hypoplasia after successful coarctation repair (DeLeon, DeLeon, & others) 1997;63:975-80*
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- Marfanoid aneurysm in donor aorta after transplantation (Pathi, Pillay, & others) 1997;63:1770-1,CR
- Mitral valve replacement and tricuspid valve repair after cardiac transplantation (Goldstein, Garfein, & others) 1997;63:1463-5,CR
- Natural history of bronchopleural fistula after pneumonectomy: a review of 96 cases (Hollaus, Lax, & others) 1997;63:1391-7*
- Omental transfer as a method of preventing residual persistent subcutaneous infection after mediastinitis (Yoshida, Ohshima, & others) 1997;63:858-60,HW
- Outcomes after delayed sternal closure in pediatric heart operations: a 10-year experience (Iyer, Jacobs, & others) 1997;63:489-91*
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- Preoperative platelet dysfunction increases the benefit of aprotinin in cardiopulmonary bypass (Ray, Marsh, & others) 1997;63:57-63*
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- Repair of aortobronchial fistula using extraanatomic grafts and hypothermic arrest (Lawrence, Kern, & Tribble) 1997;63:1158-60,CR
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Postoperative complications (cont'd)

- Right-to-left interatrial shunt after pneumonectomy (Bakris, Siddiqi, & others) 1997;63:198-201*
- Risk factors and solutions for the development of neurobehavioral changes after coronary artery bypass grafting (Hammon, Stump, & others) 1997;63:1613-8*
- Severe deformity of a Palmaz-Schatz stent after normal surgical manipulation (Tovar, Blau, & others) 1997;63:220-1,CR
- Simultaneous subclavian artery reconstruction in coronary artery bypass grafting (Ochi, Yamauchi, & others) 1997;63:1284-7*
- Spool-like stent for the open sternum after cardiac operations (Sato, Sakai, & others) 1997;63:572-4,HW
- Statistical error (Erdinc & Ocal) 1997;63:600,CP; Reply (Scrofani) 1997;63:600,CP
- Technique for early bronchopleural fistula repair after lung resection (Grunenwald & Spaggiari) 1997;63:1214-5,CP
- Toward a new frontier in cardiac surgery (Newman & Reves) 1997;63:322-3,ED
- Transhiatal closure of right-sided esophageal rupture after a left pneumonectomy (Kotsis, Agócs & Kovács) 1997;63:246-7,CR
- Transhiatal herniation of colon after esophagectomy and gastric pull-up (Heitmiller, Gillinov, & Jones) 1997;63:554-6,CR
- Tricuspid valve repair for tricuspid valve endocarditis after Fallot repair (d'Udekem, Sluysmans, & Rubay) 1997;63:830-2,CR
- Ventricular tachycardia after ultrafiltration during cardiopulmonary bypass (Terada, Mitsui, & others) 1997;63:1215-6,CP

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- Rapid recovery after coronary artery bypass grafting: is the elderly patient eligible? (Ott, Gutfinger, & others) 1997;63:634-9*

Potassium

- Beyond hyperkalemia: β -blocker-induced cardiac arrest for normothermic cardiac operations (Ede, Ye, & others) 1997;63:721-7*

Preconditioning

- Preconditioning and hypothermic cardioplegia protect human heart equally against ischemia (Cleveland, Meldrum, & others) 1997;63:147-52*

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- Cardiopulmonary bypass in pregnancy (Kole, Jain, & others) 1997;63:915,CP; Reply (Pomini, Mercogliano, & others) 1997;63:915-6,CP

Presidential address

- The heritage of the Southern Thoracic Surgical Association (Alford) 1997;63:305-8,PA
- The way things were—the ways things ought to be (Replogle) 1997;63:923-9,PA

President's page

- Responsibility, honor, and integrity (or, how do we write the perfect practice guidelines?) (Replogle) 1997;63:7-8,PA

Pressure

- Extracorporeal membrane oxygenation using a centrifugal pump and servo regulator to prevent negative inlet pressure (Pedersen, Videm, & others) 1997;63:1333-9*

Primates

- Modified technique for heterotopic heart transplantation in small primates (Minanov, Kwiatkowski, & others) 1997;63:258-60,HW

Prosthesis

- A dedicated prosthesis for open thoracostomy (Filomeno, de Campos, & others) 1997;63:1494-6,HW

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- Comparison of serum S-100 β levels during CABG and intracardiac operations (Taggart, Mazel, & others) 1997;63:492-6*

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- Expression of immediate early genes after cardioplegic arrest and reperfusion (Aebert, Cornelius, & others) 1997;63:1669-75*

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- Calcifying fibrous pseudotumor of the mediastinum (Dumont, de Muret, & others) 1997;63:543-4,CR

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- Psychological implications in the surgical treatment of pneumothorax (Nazari) 1997;63:1830-1,CP

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- Bidirectional inferior vena cava-pulmonary artery shunt (Macé, Dervanian, & others) 1997;63:1321-5*
- Correction of anomalous systemic venous drainage: transposition of left SVC to left PA (Takach, Cortelli, & others) 1997;63:228-30,CR
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- Surgical management of primary pulmonary artery sarcoma (Luciani & Mazzucco) 1997;63:601-2,CP; Reply (Dusseck & Akomea-Agyin) 1997;63:602,CP

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- Pulmonary atresia with intact ventricular septum: results of the Fontan procedure (Najm, Williams, & others) 1997;63:669-75*

Pulmonary circulation

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Pulmonary edema

- Reexpansion pulmonary edema (Trachiotis, Vricella, & others) 1997;63:1206-7,UP

Pulmonary embolism

- Emergency pulmonary embolectomy with percutaneous cardiopulmonary bypass (Ohteki, Norita, & others) 1997;63:1584-6*

Pulmonary emphysema

- Effect of bovine pericardial strips on air leak after stapled pulmonary resection (Hazelrigg, Boley, & others) 1997;63:1573-5*
- Functional improvement after volume reduction: sternotomy versus videoendoscopic approach (Wissner, Tschernko, & others) 1997;63:822-8*
- Gelatin-resorcinol-formaldehyde-glutaraldehyde glue-spread stapler prevents air leakage from the lung (Nomori & Horio) 1997;63:352-5*
- The history of surgical procedures for emphysema (Cooper) 1997;63:312-9*
- "LIMA fissure" for a tension-free IMA graft in emphysema (Rao, Natarajan, & Morritt) 1997;63:561-2,HW
- Operation for emphysema (Massard, Oswald, & others) 1997;63:912-3,CP
- Prevention of air leaks after pulmonary wedge resection (Vaughn, Wolner, & others) 1997;63:864-6,HW

Reduction pneumonoplasty for patients with a forced expiratory volume in 1 second of 500 milliliters or less (Eugene, Dajee, & others) 1997;63:186-92*

Simultaneous single-lung transplantation and lung volume reduction (Todd, Perron, & others) 1997;63:1468-70,CR

Single-stage bilateral video-assisted thoracoscopic lung volume reduction operation (Vigneswaran & Podbielski) 1997;63:1807-9,HW

Pulmonary valve

Allograft root on closed pulmonary valve for subaortic obstruction in double-inlet left ventricle with transposition of the great arteries (Bogers, van Boven, & Cromme-Dijkhuis) 1997;63:425-8*

Pulmonary autograft implantation in the dilated aortic annulus (Eishi, Nakajima, & others) 1997;63:1155-8,CR

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Repair of congenital pulmonary incompetence by bicuspidization of the pulmonary valve (Kadri, Lazzara, & others) 1997;63:1482-3,CR

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Bidirectional cavopulmonary shunt in patients with anomalies of systemic and pulmonary venous drainage (McElhinney, Reddy, & others) 1997;63:1676-84*

One-stage repair of truncus arteriosus, CAVC, and TAPVC (Conte, Jensen, & others) 1997;63:1781-3,CR

Recognition and management of obstructed pulmonary veins draining to the coronary sinus (DeLeon, DeLeon, & others) 1997;63:741-5*

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Esophageal resection for cancer of the esophagus: long-term function and quality of life (McLarty, Deschamps, & others) 1997;63:1568-72*

Late outcome and quality of life after complicated heart operations (Söderlind, Rutberg, & Olin) 1997;63:124-8*

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Pathology of the radial and internal thoracic arteries as a coronary artery bypass graft (Kaufer, Factor, & others) 1997;63:1118-22*

Radial artery has higher receptor-mediated contractility but similar endothelial function compared with mammary artery (He & Yang) 1997;63:1346-52*

Radial artery in coronary operations (Cheng) 1997;63:1209,CP

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Radical resection of radiation-induced sarcoma of the chest wall: report of 15 cases (Chapelier, Bacha, & others) 1997;63:214-9*

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Early cardioverter defibrillator infection: value of indium-111 leukocyte imaging (Bhadelia & Oates) 1997;63:236-8,CR

Radiotherapy

Patterns of failure after trimodality therapy for malignant pleural mesothelioma (Baldini, Recht, & others) 1997;63:334-8*

Receptors, adrenergic

Effects of blood and crystalloid cardioplegia on adrenergic and myogenic vascular mechanisms (Wang, Stamler, & others) 1997;63:41-9*

Intermittent warm blood cardioplegia preserves myocardial β -adrenergic receptor function (Chello, Mastroberto, & others) 1997;63:683-8*

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Clinical assessment of functional stenosis severity: use of coronary pressure measurements for the decision to bypass a lesion (Pijls, Bech, & others) 1997;63:S6-11*

Intraoperative monitoring of IMA flow: what does it mean? (Barnea & Santamore) 1997;63:S12-7*

Relative value scales

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Renal artery obstruction

Stent angioplasty for renovascular disease associated with acute aortic dissection (Hata, Zuguchi, & others) 1997;63:244-6,CR

Reperfusion injury

Low-dose nitric oxide inhalation during initial reperfusion enhances rat lung graft function (Bhabra, Hopkinson, & others) 1997;63:339-44*

Low-dose sodium nitroprusside reduces pulmonary reperfusion injury (King, Binns, & others) 1997;63:1398-404*

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The Society of Thoracic Surgeons National Cardiac Surgery Database: current risk assessment (Edwards, Grover, & others) 1997;63:903-8,RE

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Respiratory insufficiency

Additional insights into combined surfactant and nitric oxide therapy (Kapur, Irish, & Glick) 1997;63:299-300,CP; Reply (Strüder & Haverich) 1997;63:300,CP

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Results of extracorporeal membrane oxygenation in children with sepsis (Meyer, Jessen, & the Extracorporeal Life Support Organization) 1997;63:756-61*

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Circulatory resuscitation with left ventricular assist device support reduces interleukins 6 and 8 levels (Goldstein, Moazami, & others) 1997;63:971-4*

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Rhabdomyoma

MRI in the evaluation and management of a newborn infant with cardiac rhabdomyoma (Berkenblit, Spindola-Franco & others) 1997;63:1475-7,CR

Rheumatic heart disease

Biventricular assist for severe acute rheumatic pancarditis (Barlow, Middlemost, & Kinsley) 1997;63:920-1,CP; Reply (Amsel, Rodrigus, & others) 1997;63:921,CP

Ribs

- Exostosis of a rib causing laceration of the diaphragm: diagnosis and management (Simansky, Paley, & others) 1997;63:856-7,CR
- One hundred video-assisted thoracic surgical simultaneously stapled lobectomies without rib spreading (Lewis, Caccavale, & others) 1997;63:1415-22*

Risk

- Improved results in the management of surgical candidates with lung cancer (Knott-Craig, Howell, & others) 1997;63:1405-10*
- Minimally invasive coronary artery bypass techniques as adjunct to extracardiac procedures (Lachat, Vogt, & others) 1997;63:S61-3*
- The Society of Thoracic Surgeons National Cardiac Surgery Database: current risk assessment (Edwards, Grover, & others) 1997;63:903-8,RE

Risk factors

- Active native valve endocarditis: determinants of operative death and late mortality (Jault, Gandjbakhch, & others) 1997;63:1737-41*
- Perioperative risk and long-term results of heart transplantation after previous cardiac operations (Carrel, Neth, & others) 1997;63:1133-7*
- Primary coronary bypass grafting without cardiopulmonary bypass in impaired left ventricular function (Moshkovitz, Sternik, & others) 1997;63:S44-7*
- Risks of cardiac operations for elderly patients: reduction of the age factor (Katz & Chase) 1997;63:1309-14*

Rupture

- Transhiatal closure of right-sided esophageal rupture after a left pneumonectomy (Kotsis, Agócs & Kovács) 1997;63:246-7,CR

S-100 protein

- Comparison of serum S-100 β levels during CABG and intracardiac operations (Taggart, Mazel, & others) 1997;63:492-6*

Saphenous vein

- Cryopreserved veins in myocardial revascularization: possible mechanism for their increased failure (Bilfinger, Hartman, & others) 1997;63:1063-9*
- Minimally invasive harvest of the saphenous vein for coronary artery bypass grafting (Tevaeai, Mueller, & von Segesser) 1997;63:S119-21*
- Nitric oxide synthase and adenylyl and guanylyl cyclase activity in porcine interposition vein grafts (Jeremy, Dashwood, & others) 1997;63:470-6*
- Sequential venous bypass grafts: results 10 years later (Christenson & Schmuziger) 1997;63:371-6*
- Surgical preparation abolishes endothelium-derived hyperpolarizing factor-mediated hyperpolarization in the human saphenous vein (Yang & He) 1997;63:429-33*

Sarcoma

- Radical resection of radiation-induced sarcoma of the chest wall: report of 15 cases (Chapelier, Bacha, & others) 1997;63:214-9*
- Surgical management of primary pulmonary artery sarcoma (Luciani & Mazzucco) 1997;63:601-2,CP; Reply (Dussek & Akomea-Agyin) 1997;63:602,CP

Shock

- Circulatory resuscitation with left ventricular assist device support reduces interleukins 6 and 8 levels (Goldstein, Moazami, & others) 1997;63:971-4*

Shunt

- Bidirectional cavopulmonary shunt in patients with anomalies of systemic and pulmonary venous drainage (McElhinney, Reddy, & others) 1997;63:1676-84*
- Bidirectional inferior vena cava-pulmonary artery shunt (Macé, Dervanian, & others) 1997;63:1321-5*
- Cardiac tamponade after a systemic-pulmonary shunt complicated by serous leakage (García-Guereta, Burgueros, & others) 1997;63:248-50,CR
- Cavopulmonary shunt and pulmonary arteriovenous malformations (Kawashima) 1997;63:930-2,ED
- Dyspnea after pneumonectomy: the result of an atrial septal defect (Zueger, Soler, & others) 1997;63:1451-2,CR
- Initial experience using an intraluminal shunt during revascularization of the beating heart (Rivetti & Gandra) 1997;63:1742-7*
- Intraluminal shunt for the thoracic aorta: blood flow and function in chronic studies (Van Voorst, Labranche, & others) 1997;63:419-24*
- Pulmonary AV malformations after superior cavopulmonary connection: resolution after inclusion of hepatic veins in the pulmonary circulation (Shah, Rychik, & others) 1997;63:960-3*
- Right-to-left interatrial shunt after pneumonectomy (Bakris, Siddiqi, & others) 1997;63:198-201*

Silicone

- Silicone-coated polypropylene hollow-fiber oxygenator: experimental evaluation and preliminary clinical use (Shimino, Shomura, & others) 1997;63:1730-6*

Sinotubular junction

- Technique for reconstruction of the sinotubular junction (Bhatnagar, Christakis, & others) 1997;63:559-60,CR

Sinus of Valsalva

- Surgical treatment of dissecting aneurysm of the interventricular septum (Wu) 1997;63:545-7,CR

Sneezing

- "Sneeze of a cancer from the lung": *sternumentum carcinomae pulmonariae* (Hornick, Taylor, & others) 1997;63:1174-5,CR

The Society of Thoracic Surgeons

- Left ventricular reduction surgery (Replogle, Kaiser, & others) 1997;63:909-10*
- A national database for pulmonary surgery (Edwards & Miller) 1997;63:321,ED
- Reflection on collaborative efforts in cardiothoracic surgery (Rainer) 1997;63:320,ED
- The Society of Thoracic Surgeons, 1997-1998; 1997;63:1518,RE
- The Society of Thoracic Surgeons National Cardiac Surgery Database: current risk assessment (Edwards, Grover, & others) 1997;63:903-8,RE

Sodium

- The contribution of Na⁺/H⁺ exchange to ischemia-reperfusion injury after hypothermic cardioplegic arrest (Yamauchi, Ichikawa, & others) 1997;63:1107-12*

Software

- Cardiothoracic databases: where are we headed? (Grover) 1997;63:1531-2,ED
- Internet resources highlighted at STS meeting in San Diego (SW), 1997;63:911*
- A national database for pulmonary surgery (Edwards & Miller) 1997;63:321,ED
- The Society of Thoracic Surgeons National Cardiac Surgery Database: current risk assessment (Edwards, Grover, & others) 1997;63:903-8,RE

Southern Thoracic Surgical Association

- 1996 Meeting (Pennington) 1997;63:604,AN
- The heritage of the Southern Thoracic Surgical Association (Alford) 1997;63:305-8,PA

Special presentation

The history of surgical procedures for emphysema (Cooper) 1997;63:312-9*

Spectrum analysis

Cerebral oxygenation measured by near-infrared spectroscopy (Nollert) 1997;63:291-2,CP; Reply (Wollert & Eckel) 1997;63:292,CP; Reply (Daubeney & Webber) 1997;63:292-3,CP

Spinal cord

Detrimental effects of exogenous glutamate on spinal cord neurons during brief ischemia in vivo (Mori, Ueda, & others) 1997;63:1057-62*

Effect of spinal cord preconditioning on paraplegia during cross-clamping of the thoracic aorta (Matsuyama, Chiba, & others) 1997;63:1315-20*

Spirometry

Determinants of longer duration of endotracheal intubation after adult cardiac operations (Bando, Sun, & others) 1997;63:1026-33*

Staphylococcal infections

Coagulase-negative staphylococcal sternal wound infections after open heart operations (Mossad, Serkey, & others) 1997;63:395-401*

Starch

Intraoperative hetastarch infusion impairs hemostasis after cardiac operations (Cope, Banks, & others) 1997;63:78-83*

Stent

Double stents for carcinoma of the esophagus invading the airway (Venuta, De Giacomo, & others) 1997;63:1515-6,CP; Reply (Takamori) 1997;63:1516,CP

Effects of surgical manipulation on coronary stents: should surgical strategy be altered? (Tovar & Borsari) 1997;63:37-40*

Protection of the retrosternal right internal mammary artery with stented grafts (Zehr & Cameron) 1997;63:297,CP; Reply (Zacharias) 1997;63:297-8,CP

Severe deformity of a Palmaz-Schatz stent after normal surgical manipulation (Tovar, Blau, & others) 1997;63:220-1,CR

Spool-like stent for the open sternum after cardiac operations (Satoh, Sakai, & others) 1997;63:572-4,HW

Stent angioplasty for renovascular disease associated with acute aortic dissection (Hata, Zuguchi, & others) 1997;63:244-6,CR

Tracheal stenosis treated with self-expanding nitinol stent (Yanagihara, Mizuno, & others) 1997;63:1786-90,CR

Tracheal wire stent complications in malacia: implications of position and design (Hramiec & Haasler) 1997;63:209-13*

Which stent to use for tracheobronchial stenoses: metallic or silicone? (Yim, Abdullah, & Izzat) 1997;63:1512-3,CP; Reply (Takamori) 1997;63:1513,CP

Sternotomy

Bilateral thoracotomy and inferior sternotomy for bypass grafting after esophagectomy (Smedira, Eng, & Rice) 1997;63:847-9,CR

Experimental off-pump grafting of a circumflex branch via sternotomy using a suction device (Jansen, Gründeman, & others) 1997;63:S93-6*

Functional improvement after volume reduction: sternotomy versus videoendoscopic approach (Wissner, Tschernko, & others) 1997;63:822-8*

Omental transfer as a method of preventing residual persistent subcutaneous infection after mediastinitis (Yoshida, Ohshima, & others) 1997;63:858-60,HW

Reinforced closure of precarious sternum after median sternotomy (Triggiani, Donatelli, & others) 1997;63:1221-2,CP; Reply (Elefteriades & Chlosta) 1997;63:1222,CP

Surgical treatment of acute type B aortic dissection using an endoprosthesis (elephant trunk) (Palma, Almeida, & others) 1997;63:1081-4*

Transient ventricular asystole using adenosine during minimally invasive and open sternotomy coronary artery bypass grafting (Robinson, Thielmeier, & Hill) 1997;63:S30-4*

Sternum

Coagulase-negative staphylococcal sternal wound infections after open heart operations (Mossad, Serkey, & others) 1997;63:395-401*

Outcomes after delayed sternal closure in pediatric heart operations: a 10-year experience (Iyer, Jacobs, & others) 1997;63:489-91*

Repair of complete congenital sternal cleft in an adult (Santini, Faggian, & others) 1997;63:918,CP; Reply (Suri, Sharma, & others) 1997;63:918-9,CP

Retrosternal fat pad for prevention of suppurative sternitis (Kejriwal & Paterson) 1997;63:1484-5,HW

Spool-like stent for the open sternum after cardiac operations (Satoh, Sakai, & others) 1997;63:572-4,HW

Transmanubrial osteomuscular sparing approach for apical chest tumors (Grunenwald & Spaggiari) 1997;63:563-6,HW

Stomach ulcer

Ischemic gastric ulcer after coronary bypass using the right gastroepiploic artery (Schroevers, El Khoury, & others) 1997;63:1470-2,CR

Stroke volume

Hemodynamic changes during displacement of the beating heart by the Utrecht Octopus method (Gründeman, Borst, & others) 1997;63:S88-92*

Right ventricular performance and left ventricular assist device filling (Mandarino, Winowich, & others) 1997;63:1044-9*

STS on the Web

Discussion forums 1997;63:290,SW; 1997;63:596,SW; 1997;63:911,SW

Enhanced membership database 1997;63:290,SW; 1997;63:596,SW; 1997;63:911,SW

Important news: new HFCA crisis update section 1997;63:1062,SW

Internet/computer boot camp at the STS meeting 1997;63:290,SW; 1997;63:596,SW

Internet resources highlighted at STS meeting in San Diego 1997;63:911,SW

Introducing the Cardiothoracic Surgery Network (CTSNet): <http://www.ctsnet.org> (Greene) 1997;63:1824,SW

STS Information Technology Committee establishes "HFCA Crisis Update" section on Web site (Casale) 1997;63:1208,SW; 1997;63:1510,SW

Subarachnoid space

Traumatic subarachnoid-pleural fistula (Fell) 1997;63:1511,CP; Reply (Sarwal) 1997;63:1511,CP

Subclavian artery

Isolated right subclavian artery, interrupted aortic arch, and ventricular septal defect (Mulay & Watterson) 1997;63:1163-5,CR

Simultaneous subclavian artery reconstruction in coronary artery bypass grafting (Ochi, Yamauchi, & others) 1997;63:1284-7*

Subclavian steal syndrome

Concomitant cerebral and coronary subclavian steal (Takach, Beggs, & others) 1997;63:853-4,CR

Suction

Experimental off-pump grafting of a circumflex branch via sternotomy using a suction device (Jansen, Gründeman, & others) 1997;63:S93-6*

Surface-active agents

Additional insights into combined surfactant and nitric oxide therapy (Kapur, Irish, & Glick) 1997;63:299-300,CP; Reply (Strüber & Haverich) 1997;63:300,CP

Surgery

Minimally invasive coronary artery bypass techniques as adjunct to extracardiac procedures (Lachat, Vogt, & others) 1997;63:S61-3*

Surgical preparation abolishes endothelium-derived hyperpolarizing factor-mediated hyperpolarization in the human saphenous vein (Yang & He) 1997;63:429-33*

Surgery, cardiovascular

Aortic arch operation using selective cerebral perfusion for nondissecting thoracic aneurysm (Hayashi, Eguchi, & others) 1997;63:88-92*

Bifurcated anastomosis (Rajaii-Khorasani) 1997;63:1189-90,HW

Central nervous system injury after aortic operations: profits of amending old ways (Svensson) 1997;63:9-11,ED

Coronary artery fistulas in infants and children: a surgical review and discussion of coil embolization (Mavroudis, Backer, & others) 1997;63:1235-42*

Diagnosis and operation for anomalous circumflex coronary artery (Ueyama, Ramchandani, & others) 1997;63:377-81*

Drawback of aortoplasty for aneurysm of the ascending aorta associated with aortic valve disease (Mueller, Tevaerai, & others) 1997;63:762-7*

Effect of surgical reconstruction on flow profiles in the aorta using magnetic resonance blood tagging (Fogel, Weinberg, & others) 1997;63:1691-700*

Endothelial cell injury in cardiovascular surgery: atherosclerosis (Boyle, Lille, & others) 1997;63:885-94,CV

Endothelial cell injury in cardiovascular surgery: the intimal hyperplastic response (Allaire & Clowes) 1997;63:582-91,CV

Endothelial cell injury in cardiovascular surgery: the systemic inflammatory response (Boyle, Pohlman, & others) 1997;63:277-84,CV

Extension of the "elephant trunk" technique in complex aortic pathology: the "bidirectional option" (Carrel & Althaus) 1997;63:1755-8*

Heparin coating with aprotinin reduces blood activation during coronary artery operations (Baufreton, Jansen, & others) 1997;63:50-6*

Impact of retrograde cerebral perfusion on ascending aortic and arch aneurysm repair (Safi, Letsou, & others) 1997;63:1601-7*

Intraluminal shunt for the thoracic aorta: blood flow and function in chronic studies (Van Voorst, Labranche, & others) 1997;63:419-24*

Intraoperative ultrasonographic troubleshooting after the arterial switch operation (Shankar, Sreeram, & others) 1997;63:445-8*

Long-term results of flow reversal and thromboexclusion method for thoracic aortic aneurysm (Urayama, Ohtake, & Watanabe) 1997;63:716-20*

Management of arch hypoplasia after successful coarctation repair (DeLeon, DeLeon, & others) 1997;63:975-80*

Operation for nondissecting aneurysm in the descending thoracic aorta (Hayashi, Eguchi, & others) 1997;63:93-7*

Paraplegia after thoracoabdominal aortic aneurysm repair: is dissection a risk factor? (Coselli, LeMaire, & others) 1997;63:28-36*

Surgery, digestive system

Transhiatal herniation of colon after esophagectomy and gastric pull-up (Heitmiller, Gillinov, & Jones) 1997;63:554-6,CR

Surgery, lung

Coronary artery bypass grafting after a bilateral lung volume reduction operation (Liopyris, Triantafillou, & others) 1997;63:1790-2,CR

Early complications in surgical treatment of lung cancer: a prospective, multicenter study (Duque, Ramos, & others) 1997;63:944-50*

Effect of bovine pericardial strips on air leak after stapled pulmonary resection (Hazelrigg, Boley, & others) 1997;63:1573-5*

Extended operations for the treatment of lung cancer (Darteville) 1997;63:12-19*

Factors influencing long-term survival after lung metastasectomy (Robert, Ambroggi, & others) 1997;63:777-84*

Functional improvement after volume reduction: sternotomy versus videoendoscopic approach (Wissner, Tschernko, & others) 1997;63:822-8*

Gelatin-resorcinol-formaldehyde-glutaraldehyde glue-spread stapler prevents air leakage from the lung (Nomori & Horio) 1997;63:352-5*

The history of surgical procedures for emphysema (Cooper) 1997;63:312-9*

Improved results in the management of surgical candidates with lung cancer (Knott-Craig, Howell, & others) 1997;63:1405-10*

Management of the uncontrollable pulmonary air leak with cyanoacrylate glue (Horsley & Miller) 1997;63:1492-3,HW

One hundred video-assisted thoracic surgical simultaneously stapled lobectomies without rib spreading (Lewis, Caccavale, & others) 1997;63:1415-22*

Operation for emphysema (Massard, Oswald, & others) 1997;63:912-3,CP

Pneumonectomy for inflammatory lung disease (De Groot & Fulton) 1997;63:1825,CP; Reply (Reed) 1997;63:1825,CP; Reply (Massard & Wihlm) 1997;63:1825-6,CP

Prevention of air leaks after pulmonary wedge resection (Vaughn, Wolner, & others) 1997;63:864-6,HW

Pulmonary arteriography for the assessment of technical feasibility of sleeve resection in lung cancer (Suri, Keshavjee, & others) 1997;63:800-5*

Pulmonary resection as an adjunct in the treatment of multiple drug-resistant tuberculosis (Leuven, De Groot, & others) 1997;63:1368-73*

Pulmonary resection for lung cancer in octogenarians (Pagni, Federico, & Ponn) 1997;63:785-9*

Pulmonary resection for lung trauma (Stewart, Urschel, & others) 1997;63:1587-8*

Pulmonary resection for treatment of cavitary pulmonary infarction (Butler, Biscardi, & others) 1997;63:849-50,CR

Right-to-left interatrial shunt after pneumonectomy (Bakris, Siddiqi, & others) 1997;63:198-201*

Selection mechanisms as major determinants of survival after pulmonary metastasectomy (Åberg) 1997;63:611-2,ED

Simultaneous single-lung transplantation and lung volume reduction (Todd, Perron, & others) 1997;63:1468-70,CR

Single-stage bilateral, video-assisted thoracoscopic lung volume reduction operation (Vigneswaran & Podbielski) 1997;63:1807-9,HW

Survival and prognostic factors in resected N2 non-small cell lung cancer: a study of 140 cases (Vansteenkiste, De Leyn, & others) 1997;63:1441-50*

Technique for early bronchopleural fistula repair after lung resection (Grunenwald & Spaggiari) 1997;63:1214-5,CP

Tissue adhesive in bronchial closure (Sabanathan, Sabanathan, & others) 1997;63:899-900,UP

Surgery, operative

Perioperative risk and long-term results of heart transplantation after previous cardiac operations (Carrel, Neth, & others) 1997;63:1133-7*

Platelet-rich plasma harvest in redo CABG (Quigley) 1997;63:1828-9,CP; Reply (Christenson) 1997;63:1829,CP; Reply (Davies) 1997;63:1829-30,CP

Prosthetic mitral valve thrombosis after replacement with preservation of all chordae (Demirtaş) 1997;63:600-1,CP; Reply (Rao, Weisel, & David) 1997;63:601,CP

Reoperative coronary artery bypass without cardiopulmonary bypass (Mohr, Moshkovitz, & others) 1997;63:S40-3*

Reoperative coronary bypass grafting without cardiopulmonary bypass through a small thoracotomy (Boonstra, Grandjean, & Mariani) 1997;63:405-7*

Severe deformity of a Palmaz-Schatz stent after normal surgical manipulation (Tovar, Blau, & others) 1997;63:220-1,CR

Statistical error (Erdinc & Ocal) 1997;63:600,CP; Reply (Scrofani) 1997;63:600,CP

Sternal retractor for IMA: is it ideal for redos? (Hariawala & Stetz) 1997;63:1218; Reply (Kole & Jain) 1997;63:1218,CP

A technique to protect the left internal thoracic artery (Wait) 1997;63:1183-5,HW

Surgical clips

Nonpenetrating clips for coronary anastomosis (Nataf, Kirsch, & others) 1997;63:S135-7*

Review of facilitated approaches to vascular anastomosis surgery (Werker & Kon) 1997;63:S122-7*

Surgical equipment

Experimental off-pump grafting of a circumflex branch via sternotomy using a suction device (Jansen, Gründeman, & others) 1997;63:S93-6*

Hemodynamic changes during displacement of the beating heart by the Utrecht Octopus method (Gründeman, Borst, & others) 1997;63:S88-92*

Local immobilization of the left anterior descending artery for minimally invasive coronary bypass grafting (Boonstra, Grandjean, & Mariani) 1997;63:S76-8*

Safe and effective method of stabilization for coronary artery bypass grafting on the beating heart (Shennib, Lee, & Akin) 1997;63:988-92*

Surgical flaps

Alternative technique for the ostium primum defect repair: a free wall flap of right atrium (Masseti, Babatasi, & others) 1997;63:1803-4,HW

Transmanubrial osteomuscular sparing approach for apical chest tumors (Grunenwald & Spaggiari) 1997;63:563-6,HW

Treatment of empyema by transposition of contralateral lower trapezius flap (Watanabe, Imaizumi, & others) 1997;63:837-9,CR

Surgical instruments

Instrumentation for minimally invasive internal thoracic artery harvest (Qaqish, Pagni, & Spence) 1997;63:S97-9*

Modification in the Carpentier retractor (Neelakandan) 1997;63:293-4,CP

Off-bypass coronary bypass grafting via minithoracotomy using mechanical epicardial stabilization (Cremer, Strüber, & others) 1997;63:S79-83*

Sternal retractor for IMA: is it ideal for redos? (Hariawala & Stetz) 1997;63:1218; Reply (Kole & Jain) 1997;63:1218,CP

Surgical repair of a large residual atrial septal defect after transcatheter closure (Hekmat, Mehlhorn, & de Vivie) 1997;63:1456-8,CR

Thoracoscopic internal mammary artery harvest for MICABG using the Harmonic Scalpel (Ohtsuka, Wolf, & others) 1997;63:S107-9*

Surgical staplers

Gelatin-resorcinol-formaldehyde-glutaraldehyde glue-spread stapler prevents air leakage from the lung (Nomori & Horio) 1997;63:352-5*

One hundred video-assisted thoracic surgical simultaneously stapled lobectomies without rib spreading (Lewis, Caccavale, & others) 1997;63:1415-22*

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Review of facilitated approaches to vascular anastomosis surgery (Werker & Kon) 1997;63:S122-7*

Scanning electron microscopic analysis of the stapled microvascular anastomosis in the rabbit (Boeckx, Darius, & others) 1997;63:S128-34*

Surgical wound infection

Coagulase-negative staphylococcal sternal wound infections after open heart operations (Mossad, Serkey, & others) 1997;63:395-401*

Early cardioverter defibrillator infection: value of indium-111 leukocyte imaging (Bhadelia & Oates) 1997;63:236-8,CR

Glucose control lowers the risk of wound infection in diabetics after open heart operations (Zerr, Furnary, & others) 1997;63:356-61*

Retrosternal fat pad for prevention of suppurative sternitis (Kejriwal & Paterson) 1997;63:1484-5,HW

Survival analysis

Correlates of survival in patients with postinfarction ventricular septal defect (Lowe & Gall) 1997;63:1508-9,UP

Factors influencing long-term survival after lung metastasectomy (Robert, Ambrogi, & others) 1997;63:777-84*

Selection mechanisms as major determinants of survival after pulmonary metastasectomy (Åberg) 1997;63:611-2,ED

Survival rate

Do small aortic valves influence long-term survival? (Christakis & Goldman) 1997;63:933-4,ED

Lymph node type as a prognostic factor for survival in T2 N1 M0 non-small cell lung carcinoma (van Velzen, Snijder, & others) 1997;63:1436-40*

Survival and prognostic factors in resected N2 non-small cell lung cancer: a study of 140 cases (Vansteenkiste, De Leyn, & others) 1997;63:1441-50*

Suture techniques

Free edge suture plication and remodeling: a technique for anterior mitral leaflet prolapse repair (Fundarò, Di Mattia, & others) 1997;63:1186-8,HW

New technique for repair of ascending thoracic aortic dissections (Hammond) 1997;63:287,UP

Reinforced closure of precarious sternum after median sternotomy (Triggiani, Donatelli, & others) 1997;63:1221-2,CP; Reply (Elefteriades & Chlosta) 1997;63:1222,CP

Review of facilitated approaches to vascular anastomosis surgery (Werker & Kon) 1997;63:S122-7*

Scanning electron microscopic analysis of the stapled microvascular anastomosis in the rabbit (Boeckx, Darius, & others) 1997;63:S128-34*

Sutures

Recurrent left ventricular false aneurysm (Stanton, Douthit, & others) 1997;63:1472-3,CR

Systemic inflammatory response syndrome

Methylene blue administration in SIRS after cardiac operations (Evora, Ribeiro, & de Andrade) 1997;63:1212-3,CP; Reply (Taylor) 1997;63:1213,CP

Tachycardia

Surgical management of ventricular tachycardia (Shumway, Johnson, & others) 1997;63:1589-91*

Ventricular tachycardia after ultrafiltration during cardiopulmonary bypass (Terada, Mitsui, & others) 1997;63:1215-6,CP

Tachycardia, supraventricular

Cryoablation of septal pathways in patients with supraventricular tachyarrhythmias (Crawford & Gillette) 1997;63:1205-6,UP

Tetralogy of Fallot

Technique to repair tetralogy of Fallot with absent pulmonary valve (Conte, Serraf, & others) 1997;63:1489-91,HW

Tetralogy of Fallot with absent pulmonary valve: in praise of two-stage repair (Al-Halees, Ahmad, & Galal) 1997;63:1216; Reply (Godart & Planché) 1997;63:1216-7,CP

Tricuspid valve repair for tricuspid valve endocarditis after Fallot repair (d'Udekem, Sluysmans, & Rubay) 1997;63:830-2,CR

Thoracic arteries

Effect of different methods of internal thoracic artery harvest on pulmonary function (Matsumoto, Konishi, & others) 1997;63:653-5*

Human en bloc double-lung transplantation: bronchial artery revascularization improves airway perfusion (Sundset, Tadjkarimi, & others) 1997;63:790-5*

Instrumentation for minimally invasive internal thoracic artery harvest (Qaqish, Pagni, & Spence) 1997;63:S97-9*

Internal thoracic artery pedicle hematoma management with radial artery extension (Ramasubrahmanyam, Rani, & Rao) 1997;63:304,CP

Intraoperative monitoring of IMA flow: what does it mean? (Barnea & Santamore) 1997;63:S12-7*

Pathology of the radial and internal thoracic arteries as a coronary artery bypass graft (Kaufer, Factor, & others) 1997;63:1118-22*

Semiskeletonization of internal thoracic artery: alternative harvest technique (Horii & Suma) 1997;63:867-8,HW

A technique to protect the left internal thoracic artery (Wait) 1997;63:1183-5,HW

Thoracic collections

The role of thoracoscopy in the management of retained thoracic collections after trauma (Heniford, Carrillo, & others) 1997;63:940-3*

Thoracic injuries

Chronic pain of vascular origin caused by a parietopulmonary fistula of the thoracic wall (Jeanfaivre, Régnard, & others) 1997;63:839-41,CR

Complex thoracic vascular injury repair using deep hypothermia and circulatory arrest (Fulton & Brink) 1997;63:557-9,CR

Danger of false intubation after traumatic tracheal transection (Baumgartner, Ayres, & Theuer) 1997;63:227-8,CR

Dual-inflow great vessel aneurysm: delayed presentation after penetrating trauma (Rossbach, Baptiste, & others) 1997;63:238-40,CR

Mitral valve blunt trauma (Bircks) 1997;63:1213,CP; Reply (Orzulak) 1997;63:1213-4,CP; Author's reply (Bircks) 1997;63:1214,CP

Postpneumectomy stump fistula in a ventilated patient (De Groot & Douie) 1997;63:552-4,CR

Pulmonary resection for lung trauma (Stewart, Urschel, & others) 1997;63:1587-8*

The role of thoracoscopy in the management of retained thoracic collections after trauma (Heniford, Carrillo, & others) 1997;63:940-3*

Role of videothoracoscopy in chest trauma (Lang-Lazdunski, Mouroux, & others) 1997;63:327-33*

Thoracoscopic retrieval of foreign bodies after penetrating chest trauma (Bartek, Grasc, & Hazelrigg) 1997;63:1783-5,CR

Torn ascending aorta missed by transesophageal echocardiography (Lick, Zwischenberger, & others) 1997;63:1768-70,CR

Traumatic lung herniation (Allen & Fischer) 1997;63:1455-6,CR

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Hemangiopericytoma of the chest wall (Yanagihara, Ueno, & others) 1997;63:537-9,CR

Radical resection of radiation-induced sarcoma of the chest wall: report of 15 cases (Chapelier, Bacha, & others) 1997;63:214-9*

Transmanubrial osteomuscular sparing approach for apical chest tumors (Grunenwald & Spaggiari) 1997;63:563-6,HW

Thoracic outlet syndrome

Upper plexus thoracic outlet syndrome: optimal therapy (Urschel & Razzuk) 1997;63:935-9*

Thoracic surgery

Aortic valve replacement via left thoracotomy after an esophageal operation (Takahara, Sudo, & Nakazima) 1997;63:225-7,CR

Complex thoracic vascular injury repair using deep hypothermia and circulatory arrest (Fulton & Brink) 1997;63:557-9,CR

Control of postoperative pain by transcutaneous electrical nerve stimulation after thoracic operations (Benedetti, Amanzio, & others) 1997;63:773-6*

Esophageal leiomyomatosis involving trachea: surgical resection and repair (Kumar, Breach, & Goldstraw) 1997;63:531-3,CR

Extended operations for the treatment of lung cancer (Dart-velle) 1997;63:12-19*

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Reflection on collaborative efforts in cardiothoracic surgery (Rainer) 1997;63:320,ED

Repair of complete congenital sternal cleft in an adult (Santini, Faggian, & others) 1997;63:918,CP; Reply (Suri, Sharma, & others) 1997;63:918-9,CP

Surgical therapy of primary malignant melanoma of the esophagus (Adili & Mönig) 1997;63:1461-3,CR

Surgical treatment of acute type B aortic dissection using an endoprosthesis (elephant trunk) (Palma, Almeida, & others) 1997;63:1081-4*

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Transhiatal closure of right-sided esophageal rupture after a left pneumonectomy (Kotsis, Agócs & Kovács) 1997;63:246-7,CR

- Transmanubrial osteomuscular sparing approach for apical chest tumors (Grunenwald & Spaggiari) 1997;63:563-6,HW
- Upper plexus thoracic outlet syndrome: optimal therapy (Urschel & Razzuk) 1997;63:935-9*
- The way things were—the ways things ought to be (Replogle) 1997;63:923-9,PA
- Thoracic Surgery Directors Association Award**
- Effects of nitric oxide after cardiac transplantation in the setting of recipient pulmonary hypertension (Chen, Bittner, & others) 1997;63:1546-55*
- Thoracoscopy**
- Minimally invasive coronary artery bypass grafting: on the beating heart and via limited access (Borst, Santamore, & others) 1997;63:S1-5*
- Postthoracoscopy pain: is TENS the answer? (Brodsky & Mark) 1997;63:608-10,ED
- The role of thoracoscopy in the management of retained thoracic collections after trauma (Heniford, Carrillo, & others) 1997;63:940-3*
- Role of videothoracoscopy in chest trauma (Lang-Lazdunski, Mouroux, & others) 1997;63:327-33*
- Single-stage bilateral, video-assisted thoracoscopic lung volume reduction operation (Vigneswaran & Podbielski) 1997;63:1807-9,HW
- Thoracoscopic cardiomyoplasty: a canine feasibility study (Kaneko, Ezure, & others) 1997;63:477-81*
- Thoracoscopic internal mammary artery harvest for MICABG using the Harmonic Scalpel (Ohtsuka, Wolf, & others) 1997;63:S107-9*
- Thoracoscopic internal mammary artery harvesting: technical considerations (Nataf, Lima, & others) 1997;63:S104-6*
- Thoracoscopic retrieval of foreign bodies after penetrating chest trauma (Bartek, Grasc, & Hazelrigg) 1997;63:1783-5,CR
- Video-assisted removal of left ventricular mass (Duarte, Fenton, & Brown) 1997;63:833-5,CR
- Visualization of ventricular fibroelastoma with a video-assisted thoracoscope (Espada, Talwalker, & others) 1997;63:221-3,CR
- Thoracostomy**
- A dedicated prosthesis for open thoracostomy (Filomeno, de Campos, & others) 1997;63:1494-6,HW
- Thoracotomy**
- Aortic valve replacement via left thoracotomy after an esophageal operation (Takahara, Sudo, & Nakazima) 1997;63:225-7,CR
- Atrial septal defect closure through a thoracotomy (Minale) 1997;63:913-4,CP; Reply (Grinda) 1997;63:914,CP
- Bilateral thoracotomy and inferior sternotomy for bypass grafting after esophagectomy (Smedira, Eng, & Rice) 1997;63:847-9,CR
- Coronary bypass grafting via minithoracotomy on the beating heart (Işık, Dağler, & others) 1997;63:S57-60*
- Early complications in surgical treatment of lung cancer: a prospective, multicenter study (Duque, Ramos, & others) 1997;63:944-50*
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- Mammary-coronary artery anastomosis without cardiopulmonary bypass through a minithoracotomy (Mishra, Mehta, & others) 1997;63:S114-8*
- Minimally invasive coronary artery bypass grafting on a beating heart (Calafiore, Teodori, & others) 1997;63:S72-5*
- Mitral valve replacement under video assistance through a minithoracotomy (Benetti, Rizzardi, & others) 1997;63:1150-2,CR
- Off-bypass coronary bypass grafting via minithoracotomy using mechanical epicardial stabilization (Cremer, Strüber, & others) 1997;63:S79-83*
- Pain treatment after thoracotomy: is it a special problem? (Salzer, Klinger, & others) 1997;63:1411-4*
- Reoperative coronary bypass grafting without cardiopulmonary bypass through a small thoracotomy (Boonstra, Grandjean, & Mariani) 1997;63:405-7*
- Thorax**
- Thoracic drainage (Munnell) 1997;63:1497-502,CT
- Thrombin**
- Effect of heparin loading during congenital heart operation on thrombin generation and blood loss (Turner-Gomes, Nitschmann, & others) 1997;63:482-8*
- Low heparinization with heparin-bonded bypass circuits: is it a safe strategy? (Bannan, Danby, & others) 1997;63:663-8*
- Thromboexclusion**
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- Thrombosis**
- Obstruction of mechanical mitral prostheses: analysis of pathologic findings (Vitale, Renzulli, & others) 1997;63:1101-6*
- Prosthetic mitral valve thrombosis after replacement with preservation of all chordae (Demirtaş) 1997;63:600-1,CP; Reply (Rao, Weisel, & David) 1997;63:601,CP
- Surgical management of renal cell carcinoma with inferior vena cava tumor thrombus (Nesbitt, Soltero, & others) 1997;63:1592-600*
- Tissue adhesives**
- Tissue adhesive in bronchial closure (Sabanathan, Sabanathan, & others) 1997;63:899-900,UP
- Tissue damage**
- Laser-tissue interaction during transmyocardial laser revascularization (Jansen, Frenz, & others) 1997;63:640-7*
- Tissue donors**
- Marfanoid aneurysm in donor aorta after transplantation (Pathi, Pillay, & others) 1997;63:1770-1,CR
- Tissue preservation**
- Addition of calcium to Euro-Collins solution is essential for 24-hour preservation of the vasculature (Ingemansson, Bolys, & others) 1997;63:408-13*
- Cryopreserved veins in myocardial revascularization: possible mechanism for their increased failure (Bilfinger, Hartman, & others) 1997;63:1063-9*
- Prosthetic mitral valve replacement: late complications after native valve preservation (Esper, Ferdinand, & others) 1997;63:541-3,CR
- Tourniquets**
- Use of an adjustable tourniquet to reverse cyanosis in the newborn pig (Warner, Quinn, & others) 1997;63:456-8*
- Trachea**
- Danger of false intubation after traumatic tracheal transection (Baumgartner, Ayres, & Theuer) 1997;63:227-8,CR
- Iatrogenic tracheobronchial lacerations (d'Odemont & Rodenstein) 1997;63:1209,CP; Reply (Massard & Wihlm) 1997;63:1209-10,CP
- Nonoperative management of tracheal laceration during endotracheal intubation (Ross, Grant, & others) 1997;63:240-2,CR
- Successful surgical treatment of a complete traumatic tracheal disruption (Hasegawa, Endo, & others) 1997;63:1479-80,CR

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Esophageal leiomyomatosis involving trachea: surgical resection and repair (Kumar, Breach, & Goldstraw) 1997;63:531-3,CR

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Tracheal stenosis treated with self-expanding nitinol stent (Yanagihara, Mizuno, & others) 1997;63:1786-90,CR

Which stent to use for tracheobronchial stenoses: metallic or silicone? (Yim, Abdullah, & Izzat) 1997;63:1512-3,CP; Reply (Takamori) 1997;63:1513,CP

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Control of postoperative pain by transcutaneous electrical nerve stimulation after thoracic operations (Benedetti, Amanzio, & others) 1997;63:773-6*

Postthoracoscopy pain: is TENS the answer? (Brotsky & Mark) 1997;63:608-10,ED

Transfection

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Experimental bronchiolitis obliterans induced by in vivo HVJ-liposome-mediated endothelin-1 gene transfer (Takeda, Sawa, & others) 1997;63:1562-7*

Gene transfer and thoracic surgery: more to come (Kaiser & Albelda) 1997;63:1527-8,ED

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Clinical outcome and left ventricular function after pulmonary autograft implantation in children (Hokken, Cromme-Dijkhuis, & others) 1997;63:1713-17*

Pulmonary autograft implantation in the dilated aortic annulus (Eishi, Nakajima, & others) 1997;63:1155-8,CR

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Modified technique for heterotopic heart transplantation in small primates (Minanov, Kwiatkowski, & others) 1997;63:258-60,HW

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Allograft aortic root replacement in prosthetic aortic valve endocarditis: a review of 32 patients (Dossche, Defauw, & others) 1997;63:1644-9*

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Mitral homograft replacement of the tricuspid valve for endocarditis (Katsumata & Westaby) 1997;63:1480-2,CR

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Correction of anomalous systemic venous drainage: transposition of left SVC to left PA (Takach, Cortelli, & others) 1997;63:228-30,CR

Intraoperative ultrasonographic troubleshooting after the arterial switch operation (Shankar, Sreeram, & others) 1997;63:445-8*

Rastelli procedure for repair of transposition of the great arteries {S,D,L} complex (Luciani & Mazzucco) 1997;63:1152-5,CR

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Trapezius muscle

Treatment of empyema by transposition of contralateral lower trapezius flap (Watanabe, Imaizumi, & others) 1997;63:837-9,CR

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Bidirectional cavopulmonary anastomosis with intracardiac repair (Clapp, Tantengco, & others) 1997;63:746-50*

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Results after surgical repair of Ebstein's anomaly (Augustin, Schmidt-Habelmann, & others) 1997;63:1650-6*

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Troponin

Troponin-T in minimally invasive coronary operations (Hadjinikolaou, Cohen, & others) 1997;63:1511-2,CP

Truncus arteriosus

One-stage repair of truncus arteriosus, CAVC, and TAPVC (Conte, Jensen, & others) 1997;63:1781-3,CR

Tuberculosis, pulmonary

Pulmonary resection as an adjunct in the treatment of multiple drug-resistant tuberculosis (Leuven, De Groot, & others) 1997;63:1368-73*

Tumor necrosis factor

Circulatory resuscitation with left ventricular assist device support reduces interleukins 6 and 8 levels (Goldstein, Moazami, & others) 1997;63:971-4*

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Intraoperative ultrasonographic troubleshooting after the arterial switch operation (Shankar, Sreeram, & others) 1997;63:445-8*

Ultrasonics

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Updates

Correlates of survival in patients with postinfarction ventricular septal defect (Lowe & Gall) 1997;63:1508-9,UP

Cryoablation of septal pathways in patients with supraventricular tachyarrhythmias (Crawford & Gillette) 1997;63:1205-6,UP

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- Reexpansion pulmonary edema (Trachiotis, Vricella, & others) 1997;63:1206-7,UP
- Repair of large muscular ventricular septal defects in infants employing left ventriculotomy (Hannan, McDaniel, & Kron) 1997;63:288-9,UP
- Thermal coronary angiography: a method for assessing graft patency and coronary anatomy in coronary bypass surgery (Mohr & Falk) 1997;63:1506-7,UP
- Tissue adhesive in bronchial closure (Sabanathan, Sabanathan, & others) 1997;63:899-900,UP
- Urokinase**
- Urokinase-coated flat drain for pediatric cardiac operations (Sakakibara, Atsumi, & others) 1997;63:603,CP
- Utrecht MICABG Symposium**
- Anastomotic complications in minimally invasive coronary bypass grafting (Pagni, Qaqish, & others) 1997;63:S64-7*
- Clinical assessment of functional stenosis severity: use of coronary pressure measurements for the decision to bypass a lesion (Pijls, Bech, & others) 1997;63:S6-11*
- Coronary bypass grafting via minithoracotomy on the beating heart (Işık, Dağler, & others) 1997;63:S57-60*
- Experimental off-pump grafting of a circumflex branch via sternotomy using a suction device (Jansen, Gründeman, & others) 1997;63:S93-6*
- Hemodynamic changes during displacement of the beating heart by the Utrecht Octopus method (Gründeman, Borst, & others) 1997;63:S88-92*
- Instrumentation for minimally invasive internal thoracic artery harvest (Qaqish, Pagni, & Spence) 1997;63:S97-9*
- Intraoperative monitoring of IMA flow: what does it mean? (Barnea & Santamore) 1997;63:S12-7*
- Less invasive arterial CABG on a beating heart (Subramanian) 1997;63:S68-71*
- Local immobilization of the left anterior descending artery for minimally invasive coronary bypass grafting (Boonstra, Grandjean, & Mariani) 1997;63:S76-8*
- Mammary-coronary artery anastomosis without cardiopulmonary bypass through a minithoracotomy (Mishra, Mehta, & others) 1997;63:S114-8*
- Minimally invasive direct coronary artery bypass grafting on a beating heart (Calafiore, Teodori, & others) 1997;63:S72-5*
- Minimally invasive coronary artery bypass grafting: on the beating heart and via limited access (Borst, Santamore, & others) 1997;63:S1-5*
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- Minimally invasive coronary revascularization through parasternal incisions without cardiopulmonary bypass (Stanbridge, Hadjinikolaou, & others) 1997;63:S53-6*
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- Minimally invasive harvest of the saphenous vein for coronary artery bypass grafting (Tevaeai, Mueller, & von Segesser) 1997;63:S119-21*
- Nonocclusive Excimer laser-assisted end-to-side anastomosis (Tulleken, Verdaasdonk, & Mansvelt Beck) 1997;63:S138-42*
- Nonpenetrating clips for coronary anastomosis (Nataf, Kirsch, & others) 1997;63:S135-7*
- Off-bypass coronary bypass grafting via minithoracotomy using mechanical epicardial stabilization (Cremer, Strüber, & others) 1997;63:S79-83*
- Port-access cardiac operations with cardioplegic arrest (Fann, Pompili, & others) 1997;63:S35-9*
- Primary coronary bypass grafting without cardiopulmonary bypass in impaired left ventricular function (Moshkovitz, Sternik, & others) 1997;63:S44-7*
- Reoperative coronary artery bypass without cardiopulmonary bypass (Mohr, Moshkovitz, & others) 1997;63:S40-3*
- Resource utilization for minimally invasive direct and standard coronary artery bypass grafting (Zenati, Domit, & others) 1997;63:S84-7*
- Revascularization of patients with coronary artery disease: the interventional cardiologist's perspective (de Jaegere, Eefting, & others) 1997;63:S23-7*
- Review of facilitated approaches to vascular anastomosis surgery (Werker & Kon) 1997;63:S122-7*
- Role of myocardial protection for coronary artery bypass grafting on the beating heart (Flameng) 1997;63:S18-22*
- Scanning electron microscopic analysis of the stapled microvascular anastomosis in the rabbit (Boeckx, Darius, & others) 1997;63:S128-34*
- Thoracoscopic internal mammary artery harvest for MICABG using the Harmonic Scalpel (Ohtsuka, Wolf, & others) 1997;63:S107-9*
- Thoracoscopic internal mammary artery harvesting: technical considerations (Nataf, Lima, & others) 1997;63:S104-6*
- Transient ventricular asystole using adenosine during minimally invasive and open sternotomy coronary artery bypass grafting (Robinson, Thielmeier, & Hill) 1997;63:S30-4*
- Vagus nerve stimulation as a method to temporarily slow or arrest the heart (Matheny & Shaar) 1997;63:S28-9*
- VATS for complete dissection of LIMA in minimally invasive coronary artery bypass grafting (Jatene, Pêgo-Fernandes, & others) 1997;63:S110-3*
- Video-assisted coronary bypass grafting on the beating heart (Mack, Acuff, & others) 1997;63:S100-3*
- Vagus nerve**
- Vagus nerve stimulation as a method to temporarily slow or arrest the heart (Matheny & Shaar) 1997;63:S28-9*
- Valve prosthesis**
- Aortic valve replacement via left thoracotomy after an esophageal operation (Takahara, Sudo, & Nakazima) 1997;63:225-7,CR
- Valvuloplasty**
- Aortic valve repair of a congenital stenosis with bovine pericardium (Tolan, Daubeney, & others) 1997;63:465-9*
- Results after surgical repair of Ebstein's anomaly (Augustin, Schmidt-Habelmann, & others) 1997;63:1650-6*
- Varicose veins**
- Giant azygos vein varix (Podbielski, Sam, & others) 1997;63:1167-9,CR
- Vascular delay**
- Vascular delay of the latissimus dorsi muscle: an essential component of cardiomyoplasty (Carroll, Camilla, & others) 1997;63:1034-40*

Vascular resistance

- Effects of lung preservation with Euro-Collins and University of Wisconsin solutions on endothelium-dependent relaxations (Strüber, Ehlers, & others) 1997;63:428-35*

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- Complex thoracic vascular injury repair using deep hypothermia and circulatory arrest (Fulton & Brink) 1997;63:557-9,CR
Surgical management of primary pulmonary artery sarcoma (Luciani & Mazzucco) 1997;63:601-2,CP; Reply (Dussek & Akomea-Agyin) 1997;63:602,CP

Vasodilation

- Nitric oxide dose response during moderate and severe hypoxia in swine (Emil, Berkeland, & Atkinson) 1997;63:414-8*

Veins

- Bidirectional cavopulmonary shunt in patients with anomalies of systemic and pulmonary venous drainage (McElhinney, Reddy, & others) 1997;63:1676-84*

Vena cava, inferior

- Bidirectional inferior vena cava-pulmonary artery shunt (Macé, Dervanian, & others) 1997;63:1321-5*
Surgical management of renal cell carcinoma with inferior vena cava tumor thrombus (Nesbitt, Soltero, & others) 1997;63:1592-600*

Vena cava, superior

- Correction of anomalous systemic venous drainage: transposition of left SVC to left PA (Takach, Cortelli, & others) 1997;63:228-30,CR
Correction of left superior vena cava draining to the left atrium using extracardiac techniques (Reddy, McElhinney, & Hanley) 1997;63:1800-2,HW

Ventricular outflow obstruction

- Anomalous papillary muscle as a cause of left ventricular outflow tract obstruction in an adult (Kon, Grech, & others) 1997;63:232-4,CR
Hemodynamic performance of small aortic valve bioprostheses: is there a difference? (McDonald, Daly, & others) 1997;63:362-6*
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Ventriculotomy

- Repair of large muscular ventricular septal defects in infants employing left ventriculotomy (Hannan, McDaniel, & Kron) 1997;63:288-9,UP

Verapamil

- Calcium-channel blockers preserve coronary endothelial reactivity after ischemia-reperfusion (Dagenais, Cartier, & others) 1997;63:1050-6*

Video-assisted thoracic surgery

- Diagnosis and repair of a Morgagni hernia with video-assisted thoracic surgery (Hussong, Landreneau, & Cole) 1997;63:1474-5,CR
Functional improvement after volume reduction: sternotomy versus videoendoscopic approach (Wissner, Tschernko, & others) 1997;63:822-8*
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- Mitral valve replacement under video assistance through a minithoracotomy (Benetti, Rizzardi, & others) 1997;63:1150-2,CR

- One hundred video-assisted thoracic surgical simultaneously stapled lobectomies without rib spreading (Lewis, Caccavale, & others) 1997;63:1415-22*

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- VATS for complete dissection of LIMA in minimally invasive coronary artery bypass grafting (Jatene, Pêgo-Fernandes, & others) 1997;63:S110-3*

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- Video-assisted resection of hypertrophied and fibrous intraventricular tissue (Bauer, Reuthebuch, & others) 1997;63:1180-2,HW

- Video-assisted thoracoscopic operation for interruption of patent ductus arteriosus in adults (Chu, Chang, & others) 1997;63:175-9*

Videocardioscopy

- Resection of left ventricular tumor using videocardioscopy and echocardiography (Nease, Conant, & others) 1997;63:841-3,CR

Vitamin E

- EPC-K₁ is effective in lung preservation in an ex vivo rabbit lung perfusion model (Nagahiro, Aoe, & others) 1997;63:954-9*

Weaning

- Magnesium sulfate to facilitate weaning of nitric oxide in pulmonary hypertension (Al-Halees, Afrane, & El-Barbary) 1997;63:298-9,CP; Reply (Fullerton & McIntyre) 1997;63:299,CP

Wounds, penetrating

- Dual-inflow great vessel aneurysm: delayed presentation after penetrating trauma (Rossbach, Baptiste, & others) 1997;63:238-40,CR

- Exostosis of a rib causing laceration of the diaphragm: diagnosis and management (Simansky, Paley, & others) 1997;63:856-7,CR

- Thoracoscopic retrieval of foreign bodies after penetrating chest trauma (Bartek, Grasc, & Hazelrigg) 1997;63:1783-5,CR

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- Successful surgical treatment of a complete traumatic tracheal disruption (Hasegawa, Endo, & others) 1997;63:1479-80,CR

- Traumatic arteriovenous fistula (Maher, Rabee, & others) 1997;63:1792-4,CR

Xenon

- Relative changes in cerebral blood flow during cardiac operations using xenon-133 clearance versus transcranial Doppler sonography (Trivedi, Patel, & others) 1997;63:167-74*

